



October 13, 2025

New Mexico Oil Conservation Division

New Mexico Energy, Minerals, and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

**Re: Reclamation Report
Corral Gorge 12 13 Federal Com 32H
Incident Number nAPP2328544895
Eddy County, New Mexico**

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of Oxy USA Inc. (Oxy), has prepared the following *Reclamation Report* for the Corral Gorge 12 13 Federal Com 32H (Site). This *Reclamation Report* documents the Site history, reclamation activities completed to date, and proposes a vegetation monitoring plan.

BACKGROUND

The Site is located in Unit A, Section 11, Township 25 South, Range 29 East, in Eddy County, New Mexico (32.151253°, -103.949193°) and is associated with oil and gas exploration and production operations on State Trust Land (STL) managed by the New Mexico State Land Office (NMSLO).

On October 6, 2023, a flowline rupture resulted in the release of 3 barrels (bbls) of crude oil and 4 bbls of produced water onto the lease road and surrounding pasture. No released fluids were recovered. Oxy reported the release to the New Mexico Oil Conservation Division (NMOCD) on a Notification of Release (NOR) Form on October 12, 2023. The release was assigned Incident Number nAPP2328544895.

Delineation and excavation of impacted soil was completed at the Site between July and August 2024. The final excavation extent measured approximately 9,600 square feet. A total of approximately 118 cubic yards of impacted soil were removed during the excavation activities. Based on the delineation and excavation soil sample analytical results, a *Closure Request* was submitted to the NMOCD on October 8, 2024. The NMOCD approved the *Closure Request* on November 1, 2024.

Additional details regarding the release, Site Characterization, compliance with the Cultural Properties Protection Rule, delineation and excavation activities, and soil sample analytical results can be referenced in the approved *Closure Request*, included as an attachment to this report. Remediation of the release was completed in accordance with Title 19, Chapter 15, Part 29, Section 12 (19.15.29.12) of the New Mexico Administrative Code (NMAC).

RECLAMATION ACTIVITIES

Upon completion of excavation activities and receipt of final laboratory analytical results, the excavation was backfilled with locally procured soil and the disturbed area was restored to its original condition. The

Oxy USA Inc.
Reclamation Report
Corral Gorge 12 13 Federal Com 32H

excavation extent and reclamation area are shown on the attached Figure 1. Photographic documentation of the backfilled excavation is included as Appendix A.

As documented in the approved *Closure Request*, one representative 5-point composite sample (Lea Land Caliche Pit) was collected from the topsoil backfill material on September 13, 2024. The backfill soil sample was transported under strict chain-of-custody procedures to Cardinal Laboratories in Hobbs, New Mexico, for analysis of the following constituents of concern (COCs): total petroleum hydrocarbons (TPH)—gasoline range organics (GRO), TPH-diesel range organics (DRO), and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following Standard Method 4500.

Laboratory analytical results for the backfill soil sample confirmed compliance with NMOCD requirements for the reclaimed area to contain non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 milligrams per kilogram (mg/kg) and TPH concentrations less than 100 mg/kg. The laboratory analytical results were summarized on Table 1 of the approved *Closure Request*, attached as Appendix B.

The reclaimed pasture area was seeded on July 29, 2025, with the below NMSLO sandy loam sites seed mix. The seed was applied with a broadcast seed spreader at double the rate specified in pounds of pure live seed (PLS) per acre to account for the application method.

Common Name	Variety	PLS/Acre
Galleta grass	Viva, VNS, So.	2.5
Little bluestem	Cimarron, Pastura	2.5
Blue grama	Hachita, Lovington	2.0
Sideoats grama	Vaughn, El Reno	2.0
Sand dropseed	VNS, Southern	1.0

Following broadcast seeding, the area was chained to cover the seed. Photographs of the backfilled excavation and seeding of the reclaimed area are provided in Appendix A.

VEGETATION MONITORING

The Site will be monitored for vegetation growth to ensure that reclamation activities were successful. Focus for this phase will be to prevent erosion and Site degradation, and to monitor for and treat invasive and noxious weed species.

- Annual inspections will take place at the location to monitor revegetation progress.
- If necessary, an additional application of the NMSLO seed mix will be applied.
- Noxious and invasive weeds will be identified and treated by licensed contracted herbicide applicator or mechanically removed.

A *Revegetation Report* will be submitted to the NMOCD the NMSLO once vegetation growth in the reclaimed pasture area has uniform vegetative cover that reflects a life-form ratio of plus or minus 50 percent (%) of pre-disturbance levels and a total percent plant cover of at least 70% of pre-disturbance levels, excluding noxious weeds, per NMAC 19.15.29.13 D.(3).

RECLAMATION APPROVAL REQUEST

Based on the reclamation activities completed to date and proposed vegetation monitoring plan described above, Oxy respectfully requests approval of this *Reclamation Report* and a status update to

Oxy USA Inc.
Reclamation Report
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Reclamation Report Approved, Pending submission of Re-Vegetation Report for Incident Number nAPP2328544895.

If you have any questions or comments, please contact Ms. Aimee Cole at (720) 384-7365 or acole@ensolum.com.

Sincerely,
Ensolum, LLC



Hadlie Green
Project Geologist



Aimee Cole
Senior Managing Scientist

cc: Jessica Kent, Oxy
New Mexico State Land Office

Appendices:

Figure 1	Reclamation Area
Appendix A	Photographic Log
Appendix B	October 8, 2024, <i>Closure Request</i>



FIGURES



Reclamation Area
Oxy USA Inc.
Corral Gorge 12 13 Federal Com 32H
Incident Number: nAPP2328544895
Unit A, Section 11, T 25S, R 29E
Eddy County, New Mexico

FIGURE
1



APPENDIX A

Photographic Log



Photographic Log

Oxy USA Inc.

Corral Gorge 12 13 Federal Com 32H

Incident Number nAPP2328544895



Photograph: 1 Date: 7/29/2025
Description: Seed tag
View: Southeast



Photograph: 2 Date: 7/29/2025
Description: Reseeding activities
View: Northeast



Photograph: 3 Date: 7/29/2025
Description: Reseeding activities
View: Southwest



Photograph: 4 Date: 7/29/2025
Description: Reseeding activities
View: Northwest



APPENDIX B

October 8, 2024, *Closure Request*



CLOSURE REPORT

Property:

Corral Gorge 12 13 Federal Com 32H

**Unit A, S11, T25S, R29E
32.151253° N, 103.949193° W
Eddy County, New Mexico
NMOCD Incident ID: nAPP2328544895**

October 8, 2024

Ensolum Project No. 03B1417116

Prepared for:

**Oxy USA, Inc.
PO Box 4324
Houston, Texas 77210**

Attn: Wade Dittrich

Prepared by:


Kelly Lowery, GIT
Project Manager


Heather Holthaus
Senior Project Manager

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CLOSURE REPORT**Corral Gorge 12 13 Federal Com 32H****Unit A, S11, T25S, R29E
32.151253° N, 103.949193° W
Eddy County, New Mexico
NMOCD Incident ID: nAPP2328544895****Ensolum Project No. 03B1417116****1.0 INTRODUCTION****1.1 Site Description and Background**

Operator:	Oxy USA, Inc. (Oxy)
Site Name:	Corral Gorge 12 13 Federal Com 32H
Location:	Unit A, Section 11, Township 25 South, Range 29 East 32.151253° N, 103.949193° W Eddy County, New Mexico
Property:	New Mexico State Trust Land (STL) managed by the New Mexico State Land Office (NMSLO)
Regulatory:	New Mexico Energy, Minerals and Natural Resources Department (EMNRD) Oil Conservation Division (OCD)

On October 6, 2023, Oxy had a release of crude oil and produced water at the Site due to a flow line rupture that resulted in an overspray into the nearby pasture. The line was isolated, depressurized, locked, and tagged out. Approximately 3 barrels (bbls) of crude oil and 4 bbls of produced water were released onto the ground surface, with none recovered. Oxy reported the release to the New Mexico EMNRD OCD via a report through the online notice of release (NOR) form on October 12, 2023. The release was assigned Incident Number nAPP2328544895.

The **Topographic Map** depicting the location of the Site is included as **Figure 1**, and the **Site Vicinity Map** is included as **Figure 2** in **Appendix A**.

1.2 Project Objective

The primary objective of the closure activities was to reduce chemicals of concern (COC) concentrations in the on-Site soil to be in compliance with the applicable New Mexico EMNRD OCD closure criteria concentrations.

2.0 CLOSURE CRITERIA

The Site is subject to regulatory oversight by the New Mexico EMNRD OCD. In order to address activities related to exempt oil and gas releases, the New Mexico EMNRD OCD references New



Mexico Administrative Code (NMAC) 19.15.29 *Releases*, which establishes investigation and abatement action requirements for sites subject to reporting and/or corrective action. Ensolum, LLC (Ensolum) utilized information provided by Oxy, the general Site characteristics, and information available from the New Mexico Office of the State Engineer (OSE) and the New Mexico EMNRD OCD Imaging database to determine the appropriate closure criteria for the Site. The gas portion of this release constitutes venting that occurred during an emergency or a malfunction, as authorized by the New Mexico EMNRD OCD regulations at NMAC 19.15.28.8.A and B(1). This release, therefore, is not prohibited by NMAC 19.15.29.8.A. Supporting documentation and figures associated with the following bullets are provided in **Appendix B**.

- One exploratory water well (C-04604) was identified within a 0.5-mile radius of the Site on the OSE Water Rights Reporting System (WRRS) database. The well was installed in April 2022 to a depth of 102 feet below ground surface (bgs), with no groundwater encountered.
- The Site is not located within 300 feet of a New Mexico ENMRD OCD-defined continuously flowing watercourse or significant watercourse.
- The Site is not located within 200 feet of a lakebed, sinkhole, or playa lake.
- The Site is not located within 300 feet of a permanent residence, school, hospital, institution, or church.
- According to the OSE WRSS database, there are no private, domestic freshwater wells used by less than five households for domestic or stock water purposes identified within 500 feet of the Site.
- According to the OSE WRSS database, no freshwater wells have been identified within 1,000 feet of the Site.
- The Site is not located within incorporated municipal boundaries or within a defined municipal freshwater well field covered under a municipal ordinance adopted pursuant to New Mexico Statute Annotated (NMSA) 1978, Section 3-27-3.
- The Site is located within 300 feet of a wetland. A riverine intermittent streambed that is intermittently flooded is located within 100 feet north/northwest of the Site.
- Based on information identified on the New Mexico Mining and Minerals Division's Geographical Information System (GIS), Maps, and Mine Data database, the Site is not located within an area overlying a subsurface mine.
- Based on the Karst Occurrence Potential (.kmz) provided by the BLM, the Site is not located within an unstable area, also referred to as high karst potential.
- The Site is not located within a 100-year floodplain.

Based on the identified siting criteria, cleanup goals for soils remaining in place at the Site include:



CLOSURE CRITERIA FOR SOILS IMPACTED BY A RELEASE			
Minimum depth below any point within horizontal boundary of the release to groundwater less than 10,000 mg/l TDS	Constituent	Method	Limit
≤ 50 feet	Chloride	EPA 300.0 or SM4500 Cl B	600 mg/kg
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	100 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg

3.0 SOIL REMEDIATION ACTIVITIES

On October 6, 2023, Oxy had a release of crude oil and produced water at the Site due to a flow line rupture that resulted in an overspray into the nearby pasture. The line was isolated, depressurized, locked, and tagged out. Approximately 3 bbls of crude oil and 4 bbls of produced water were released onto the ground surface, with none recovered.

Due to the Site being located on NMSLO land, an Archeological Records Management System (ARMS) Review was required prior to beginning remediation activities. This review would determine if any known cultural properties had been previously identified within the proposed remediation area and if the area had been previously surveyed for cultural resources.

On March 5, 2024, on behalf of Oxy, Beaver Creek Archaeology and Environmental (Beaver Creek) presented their ARMS Review findings to the NMSLO. Their review indicated that there was one eligible site, LA 186663, within a 100-foot cultural buffer zone of the proposed remediation area and that the vast majority of the area had undergone previous surveys.

On June 20, 2024, Oxy was awarded a positive response ARMS Review and approval from NMSLO to proceed with remediation activities as long as an approved archeological monitor was present to oversee the protection of the LA 186663 site.

On July 5, 2024, Ensolum and Beaver Creek arrived on-Site to collect 48 composite soil samples from the overspray impact area (FS-01 through FS-48) at a depth of 0.25 feet bgs. Additionally, Ensolum collected 10 confirmation delineation soil samples (DS-01 through DS-10) from locations no more than one to two-feet outside of the excavation area at a depth of 0.25 feet bgs. Based on laboratory analytical data, additional excavation and/or remediation activities were necessary.

On August 13, 2024, subsequent to excavation activities, Ensolum arrived on-Site to collect 16 composite soil samples from the recently excavated overspray impact area floor (FS-04, FS-08, FS-09, FS-10, FS-14, FS-15, FS-19, FS-22, FS-27, FS-30, FS-33, FS-37, FS-39, FS-40, FS-45, and FS-47) at a depth of 0.50 feet bgs, and 16 composite soil sampled from the excavation sidewalls (SW-04, SW-08, SW-09, SW-10, SW-14, SW-15, SW-19, SW-22, SW-27, SW-30, SW-



33, SW-37, SW-39, SW-40, SW-45, and SW-47) at a depth of 0.50 feet bgs. Additionally, two confirmation delineation soil samples (DS-02 and DS-06) were re-collected at a depth of 0.50 feet bgs. Based on laboratory analytical data, no additional scraping activities or remediation activities were necessary.

The composite soil samples were analyzed for benzene, toluene, ethylbenzene, and total xylenes (BTEX), total petroleum hydrocarbons (TPH), gasoline range organics (GRO), diesel range organics (DRO), motor oil/lube oil range organics (MRO), chloride, and/or methanol in accordance with the New Mexico EMNRD OCD Closure Criteria for Soils Impacted by a Release (≤ 50 feet) (NMOCD Closure Criteria).

The final excavation area measured approximately 200 feet long and 35 to 65 feet wide at the maximum extent, with a depth of 0.25 to 0.50 feet bgs.

The lithology encountered during the completion of closure activities consisted primarily of a loamy sand.

The excavation measured approximately 9,600 square feet in aerial extent. A total of approximately 118 cubic yards (cy) of impacted soil was removed during the excavation activities. The impacted soil was transported and properly disposed of at the Lea Land Facility located in Hobbs, New Mexico. After completion of confirmation sampling, the excavation was backfilled utilizing material purchased locally from the Lea Land Caliche Pit and recontoured to match pre-existing conditions. A NMSLO-approved seed mixture will be sown into the surface area of the backfill for re-vegetation.

Figure 3 is a map that identifies approximate soil sample locations and depicts the approximate dimensions of the impacted blowout bell hole extent and the pipeline repair over excavation extent with respect to the pipeline (**Appendix A**). Photographic documentation of the field activities is included in **Appendix C**.

4.0 SOIL SAMPLING PROGRAM

Ensolum's soil sampling program from July 5, 2024 through August 13, 2024 included the collection of a total of 64 composite soil samples from 48 locations from the excavation floor (FS-01 through FS-48), 16 composite soil samples from 16 locations from the excavation sidewalls (SW-04, SW-08, SW-09, SW-10, SW-14, SW-15, SW-19, SW-22, SW-27, SW-30, SW-33, SW-37, SW-39, SW-40, SW-45, and SW-47), and 12 delineation soil samples from 10 locations outside of the excavation area (DS-01 through DS-10) for laboratory analysis. Additionally, one composite soil sample was collected from the backfill material prior to use at the Site (Lea Land Caliche Pit).

The composite soil samples were collected and placed in laboratory-prepared glassware, labeled/sealed using laboratory-supplied labels and custody seals, and stored on ice in a cooler. The samples were relinquished to Cardinal Laboratories in Hobbs, New Mexico, under proper chain-of-custody procedures.

5.0 SOIL LABORATORY ANALYTICAL METHODS

The composite soil samples were analyzed for BTEX following the United States Environmental Protection Agency (EPA) SW-846 Method 8021B, TPH GRO/DRO/MRO following EPA SW-846 Method 8015M/D, and chloride using SM4500Cl-B.



Laboratory analytical results are summarized in **Table 1** in **Appendix D**. The executed chain-of-custody forms and laboratory data sheets are provided in **Appendix E**.

6.0 DATA EVALUATION

Ensolum compared the benzene, total BTEX, TPH-GRO/DRO/MRO, and chloride concentrations or laboratory sample detection limits (SDLs) associated with the final composite soil samples from the excavated overspray impact area (FS-01 through FS-48, SW-04, SW-08, SW-09, SW-10, SW-14, SW-15, SW-19, SW-22, SW-27, SW-30, SW-33, SW-37, SW-39, SW-40, SW-45, and SW-47) and the confirmation lateral delineation soil samples (DS-01 through DS-10) for soils left in place at the Site and the backfill material (Lea Land Caliche Pit) to the NMOCD Closure Criteria.

- Laboratory analytical results indicated benzene concentrations for the final composite soil samples collected from the excavated overspray impact area, the final delineation samples outside of the overspray impact area, and the backfill material did not exceed the laboratory SDLs or the NMOCD Closure Criteria of 10 milligrams per kilogram (mg/kg).
- Laboratory analytical results indicated that total BTEX concentrations for the final composite soil samples collected from the excavated overspray impact area, the final delineation samples outside of the overspray impact area, and the backfill material did not exceed the laboratory SDLs or the NMOCD Closure Criteria of 50 mg/kg.
- Laboratory analytical results indicated combined TPH-GRO/DRO/MRO concentrations for the final composite soil samples collected from the excavated overspray impact area, the final delineation samples outside of the overspray impact area, and the backfill material did not exceed the laboratory SDLs and/or the applicable NMOCD Closure Criteria of 100 mg/kg for depth to groundwater ≤ 50 feet.
- Laboratory analytical results indicated chloride concentrations for the final composite soil samples collected from the excavated overspray impact area, the final delineation samples outside of the overspray impact area, and the backfill material did not exceed the laboratory SDLs and/or the applicable NMOCD Closure Criteria of 600 mg/kg for depth to groundwater ≤ 50 feet.

Laboratory analytical results are summarized in **Table 1** in **Appendix D**.

7.0 RECLAMATION AND RE-VEGETATION

- The release occurred off-pad, and as such, a reclamation requirement of 600 mg/kg chloride and 100 mg/kg TPH was applied to the top 4 feet of the off-pad area that was impacted by the release per 19.15.29.13.D (1) NMAC for the top 4 feet of areas that will be reclaimed following remediation. The following Reclamation Plan addresses reclamation of the off-pad area: The soil in the vicinity of the release includes: predominately loamy sand;
- The excavation was backfilled with locally sourced topsoil from the Lea Land Caliche Pit and recontoured to match the surrounding grade;



- The backfilled areas will be seeded utilizing a weed-free seed mix designed by the NMSLO to meet reclamation standards for this region, which will be Loamy Sand and Deep Sand (SD-3) Sites Seed Mixture as described in the NMSLO Revegetation Guidelines Handbook for Southeastern New Mexico, dated 2018;
- The seed mixture will be distributed with one of the following methods: push broadcaster seed spreader/tractor-operated broadcast seed spreader/drill seeding / other means;
- Application of the seed mixture will be at a coverage of either 10 pounds of seeds per acre of reclaimed pasture with distribution by a drilling method or 20 pounds of seeds per acre of reclaimed pasture with distribution by a broadcast method, whichever is more applicable;
- Erosion control management will potentially include:
 - The placement of waddles in areas with a propensity for high run-off rates;
 - Straw cover if high winds are anticipated to support moisture retention and limit wind from blowing seeds away before they have had time to germinate; and/or
 - Other erosional control best management practices (BMP) as necessary to support timely and healthy regrowth of vegetation in disturbed areas.
- Backfilling of the excavation has already been completed;
- Seeding is anticipated to be completed in the spring/summer when temperatures and precipitation are most conducive for vegetation growth. In general, seeding should occur approximately one month after the last frost in the Spring up until approximately one month prior to the first fall frost. NMSLO has recognized the optimal time to seed is between July and early September, which will be adhered to for this Site;
- Annual inspections (at a minimum) will take place on the location until revegetation is consistent with local natural vegetation density. The Site will be inspected the following Spring/Fall to assess the success of regrowth. If necessary, an additional application of the NMSLO-approved pure live seed mixture will be applied as well, and any needed BMPs will be installed to support growth and limit erosion;

8.0 FINDINGS AND RECOMMENDATION

- On October 6, 2023, Oxy had a release of crude oil and produced water at the Site due to a flow line rupture that resulted in an overspray into the nearby pasture. The line was isolated, depressurized, locked, and tagged out. Approximately 3 bbls of crude oil and 4 bbls of produced water were released onto the ground surface, with none recovered.
- Ensolum's soil sampling program from July 5, 2024 through August 13, 2024 included the collection of a total of 64 composite soil samples from 48 locations from the excavation floor (FS-01 through FS-48), 16 composite soil samples from 16 locations from the excavation sidewalls (SW-04, SW-08, SW-09, SW-10, SW-14, SW-15, SW-



19, SW-22, SW-27, SW-30, SW-33, SW-37, SW-39, SW-40, SW-45, and SW-47), and 12 delineation soil samples from 10 locations outside of the excavation area (DS-01 through DS-10) for laboratory analysis. The composite floor samples were collected at a depth of 0.25 to 0.50 feet bgs; the composite sidewall samples were collected at a depth of 0.50 feet bgs; and the delineation samples were collected outside of the excavation area at a depth of 0.25 to 0.50 feet bgs. Additionally, one composite soil sample was collected from the backfill material prior to use at the Site (Lea Land Caliche Pit).

- The primary objective of the closure activities was to reduce COC concentrations in the on-Site soil to be in compliance with applicable NMOCD Closure Criteria for Soils Impacted by a Release using the New Mexico EMNRD OCD's NMAC 19.15.29 Releases as guidance.
- The final excavation area measured approximately 200 feet long and 35 to 65 feet wide at the maximum extent, with a depth of 0.25 to 0.50 feet bgs.
- Based on laboratory analytical results, the final composite soil samples collected from the excavated overspray impact area, the final confirmation lateral delineation samples outside of the overspray impact area, and the composite backfill material did not exhibit benzene, total BTEX, TPH GRO/DRO/MRO or chloride concentrations above the applicable NMOCD Closure Criteria.
- Subsequent to the results of the final composite soil sampling, the excavation was backfilled with locally sourced topsoil from the Lea Land Caliche Pit and recontoured to the original surrounding grade. Once the areas are brought back to their original grade, an NMSLO-approved seed mixture will be sown into the surface of the backfill for re-vegetation per the above-stated Reclamation Plan.

Based on field observations and laboratory analytical results, no additional investigation or corrective action appears warranted at this time.

9.0 STANDARDS OF CARE, LIMITATIONS, AND RELIANCE

9.1 Standard of Care

Ensolum's services were performed in accordance with standards customarily provided by a firm rendering the same or similar services in the area during the same time period. Ensolum makes no warranties, express or implied, as to the services performed hereunder. Additionally, Ensolum does not warrant the work of third parties supplying information used in the report (e.g., laboratories, regulatory agencies, or other third parties). This scope of services was performed in accordance with the scope of work agreed with the client, as detailed in our proposal.

9.2 Limitations

Findings, conclusions, and recommendations resulting from these services are based upon information derived from the on-site activities and other services performed under this scope of work, and it should be noted that this information is subject to change over time. Certain indicators of the presence of hazardous substances, petroleum products, or other constituents may have been latent, inaccessible, unobservable, or not present during these services, and Ensolum



Oxy USA, Inc.
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Corral Gorge 12 13 Federal Com 32H

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cannot represent that the Site contains no hazardous substances, toxic materials, petroleum products, or other latent conditions beyond those identified during the investigation. Environmental conditions in other areas or portions of the Site may vary from those encountered at actual sample locations. Ensolum's findings and recommendations are based solely upon data available to Ensolum at the time of these services.

9.3 Reliance

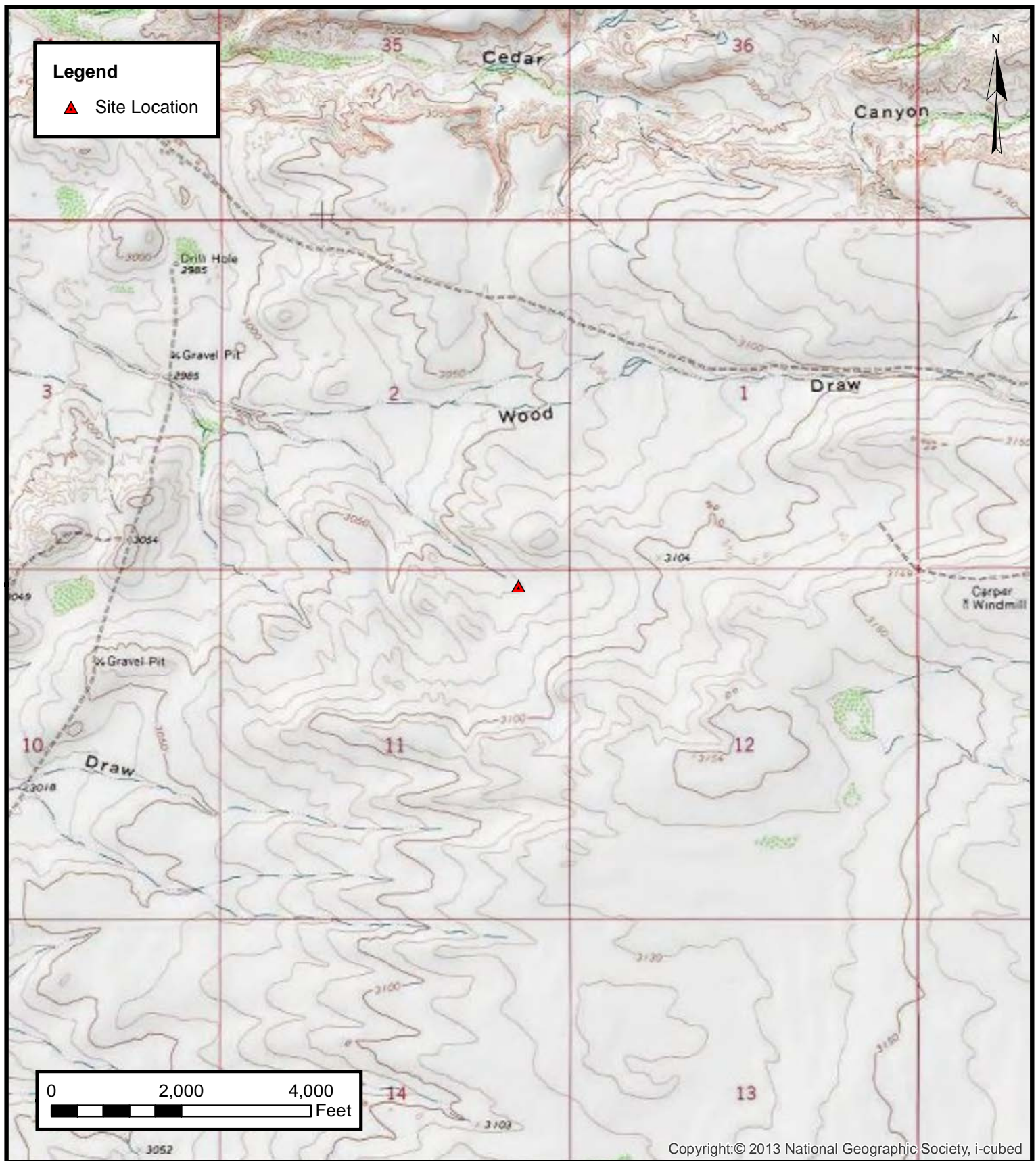
This report has been prepared for the exclusive use of Oxy USA, Inc., and any authorization for use or reliance by any other party (except a governmental entity having jurisdiction over the Site) is prohibited without the express written authorization of Oxy USA, Inc. and Ensolum. Any unauthorized distribution or reuse is at the client's sole risk. Notwithstanding the foregoing, reliance by authorized parties will be subject to the terms, conditions, and limitations stated in the Closure Report and Ensolum's Master Services Agreement. The limitation of liability defined in the agreement is the aggregate limit of Ensolum's liability to the client.





APPENDIX A

Figures



Topographic Map

Oxy USA, Inc.
 Corral Gorge 12 13 Federal Com. 32H
 32.151253° N, 103.949193° W
 Unit A, Sec 11, T25S, R29E
 Eddy County, New Mexico
 PROJECT NUMBER: 03B1417116

FIGURE
1



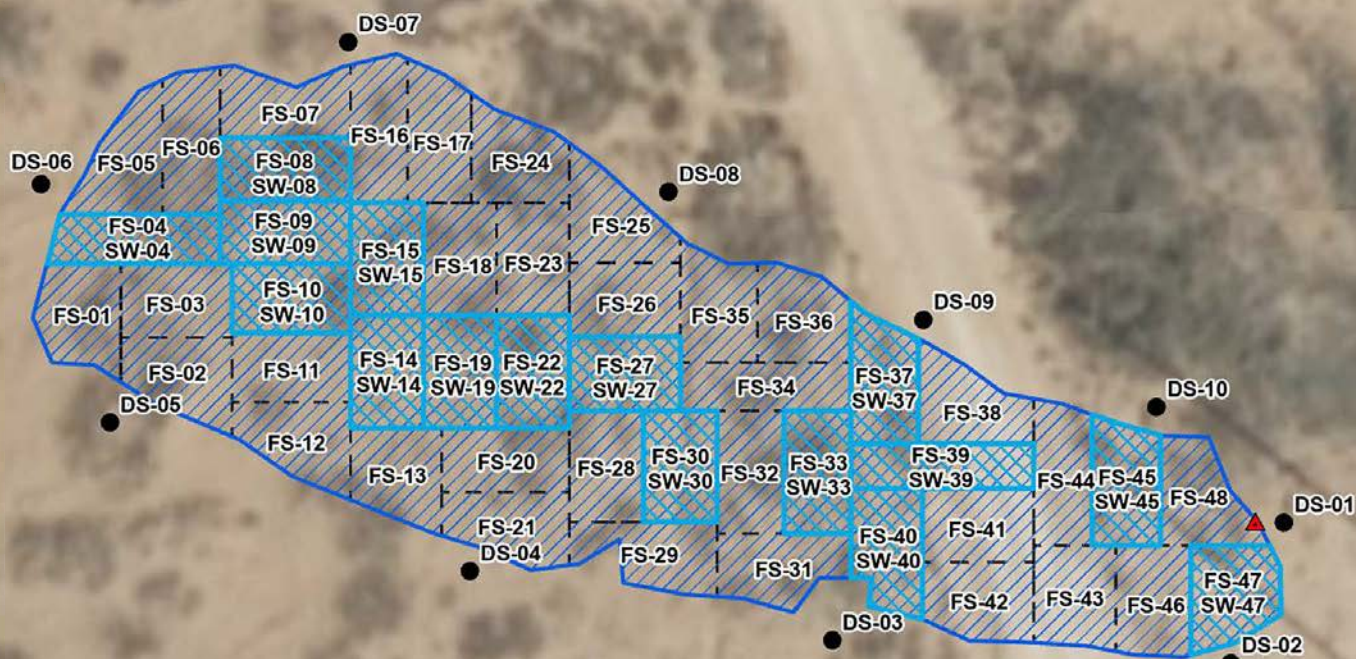
Site Vicinity Map

Oxy USA, Inc.
Corral Gorge 12 13 Federal Com. 32H
32.151253° N, 103.949193° W
Unit A, Sec 11, T25S, R29E
Eddy County, New Mexico
PROJECT NUMBER: 03B1417116

FIGURE
2

Legend

- ▲ Release Point
- Delineation Soil Sample Location
- Extent of Over Excavation
- Extent of Excavation
- Composite Soil Sample Boundary



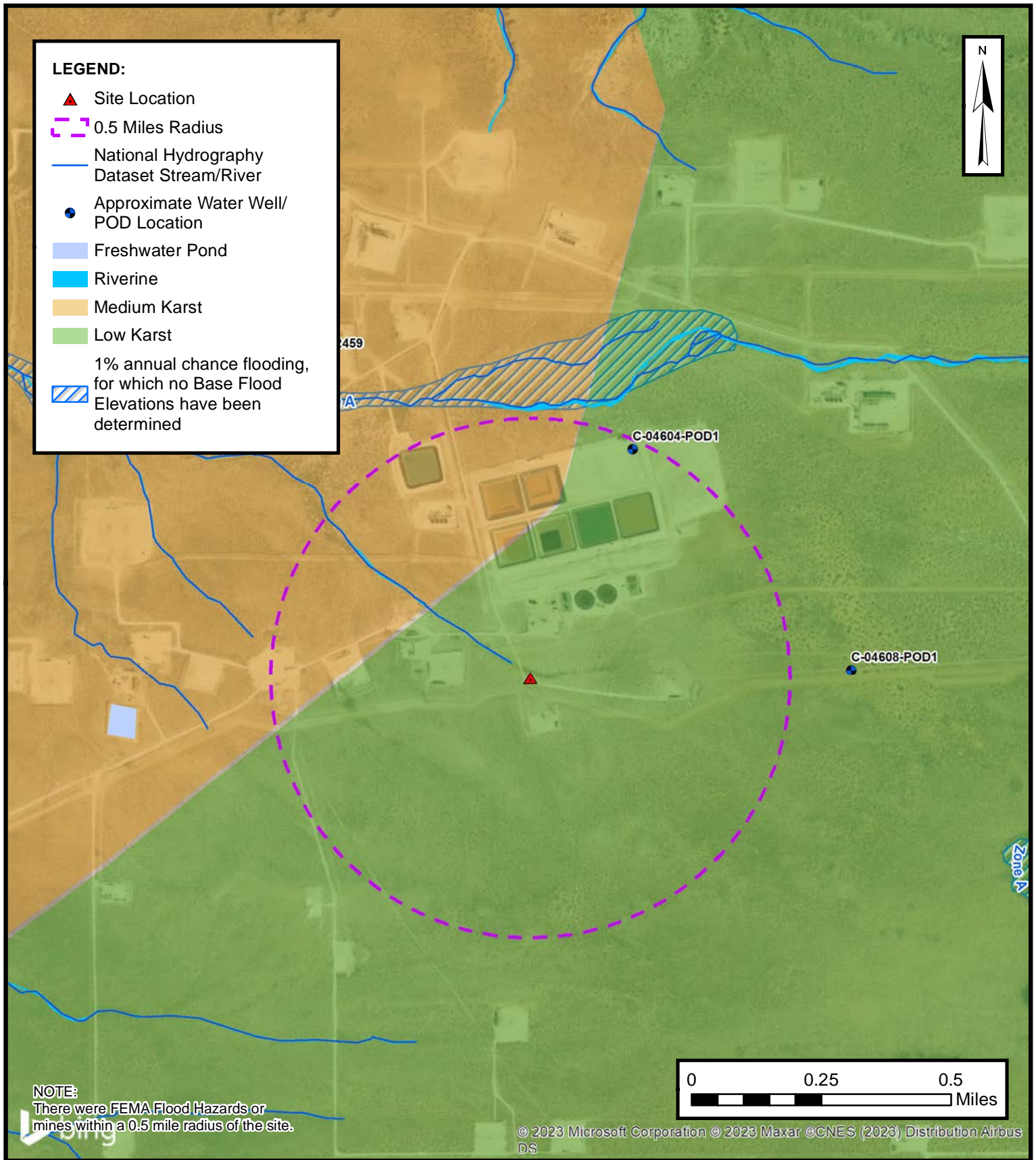
0 30 60
Feet

Sources: Environmental Systems Research Institute (ESRI)

**Site Map**

Oxy USA, Inc.
Corral Gorge 12 13 Federal Com. 32H
32.151253° N, 103.949193° W
Unit A, Sec 11, T25S, R29E
Eddy County, New Mexico
PROJECT NUMBER: 03B1417116

FIGURE**3**



Closure Criteria Map

Oxy USA, Inc.
Corral Gorge 12 13 Federal Com. 32H
32.151253° N, 103.949193° W
Unit A, Sec 11, T25S, R29E
Eddy County, New Mexico
PROJECT NUMBER: 03B1417116

FIGURE
4

Legend

- Composite Sample Location

Lea Land Caliche Pit

0 1,000 2,000
Feet

Sources: Environmental Systems Research Institute (ESRI)



Backfill Site Map

Lea Land Caliche Pit
32.5232397° N, 103.7845410° W
Lea County, New Mexico

FIGURE

5



APPENDIX B

Supporting Documentation

Kelly Lowery

From: Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>
Sent: Wednesday, July 10, 2024 3:01 PM
To: Kelly Lowery
Cc: Dittrich, John W; Beaux Jennings; Bratcher, Michael, EMNRD; Wells, Shelly, EMNRD; Velez, Nelson, EMNRD
Subject: Final Extension - Corral Gorge 12 13 Federal Com. 32H (Incident ID: nAPP2328544895)

[**EXTERNAL EMAIL**]

RE: Incident #NAPP2328544895

Kelly,

Your request for an extension to **October 8th, 2024** is approved. Multiple extensions have been granted for this incident, this will be the **last extension granted** for this release. Please include this e-mail correspondence in the remediation and/or closure report.

Robert Hamlet • Environmental Specialist - Advanced
Environmental Bureau
EMNRD - Oil Conservation Division
506 W. Texas Ave. | Artesia, NM 88210
575.909.0302 | robert.hamlet@state.nm.us
<http://www.emnrd.state.nm.us/OCD/>



From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Wednesday, July 10, 2024 1:05 PM
To: Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Subject: FW: [EXTERNAL] Extension Request - Corral Gorge 12 13 Federal Com. 32H (Incident ID: nAPP2328544895)

From: Kelly Lowery <klowery@ensolum.com>
Sent: Wednesday, July 10, 2024 12:26 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Dittrich, John W <Wade_Dittrich@oxy.com>; Beaux Jennings <bjennings@ensolum.com>
Subject: [EXTERNAL] Extension Request - Corral Gorge 12 13 Federal Com. 32H (Incident ID: nAPP2328544895)

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good afternoon,

On behalf of Oxy USA, Inc, Ensolum, LLC would like to request a 90-day extension for the Corral Gorge 12 13 Federal Com. 32H (Incident ID: nAPP2328544895). The release occurred on 10/6/2023, and after conducting an initial Site Assessment of the area, it was determined that delineation and excavation of impacted and/or waste containing soils was needed.

This release occurred on NMSLO land, and as such, required an ARMs review prior to beginning any remediation and/or delineation activities per the requirement of NMSLO's ECO department. Ensolum began working in conjunction with Beaver Creek Archeology, a New Mexico permitted consultant, on March 4, 2024 to have this ARMs review completed and reviewed by the NMSLO, and after many months of back and forth with the State, was finally awarded an approval and acknowledgement from NMSLO of the review with remarks on May 20, 2024. Per correspondence with Anne Curry at the Cultural Resources Office, an Arch monitor would have to be present during any remediation and/or delineation at the Site.

Initial delineation activities at the Site have been delayed due to scheduling conflicts between Ensolum and Beaver Creek but have been able to begin this month (July 2024). Based on the initial delineation activities and the associated field screenings and/or sample results, we will determine if remediation is warranted and will require a remediation plan to continue clean-up at the Site.

We respectfully ask that the OCD grants us this 90-day extension so we may continue with our goal of delineating and/or remediating this Site to the OCD's applicable Closure Criteria for this location.

Thank you and have a great day,



Kelly Lowery, GIT

Project Geologist

214-733-3165

Ensolum, LLC

in f 

Kelly Lowery

From: Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>
Sent: Friday, April 12, 2024 3:42 PM
To: Kelly Lowery
Cc: Beaux Jennings; wade_dittrich@oxy.com; Tyson_Pierce@oxy.com; Bratcher, Michael, EMNRD; Wells, Shelly, EMNRD; Velez, Nelson, EMNRD
Subject: (Final Extension) - Corral Gorge 12 13 Federal Com. 32H (Incident ID: nAPP2328544895)

[**EXTERNAL EMAIL**]

RE: Incident #NAPP2328544895

Kelly,

Your request for a 90 day extension to **July 11th, 2024** is approved. This will be the **final extension** for this release. Please include this e-mail correspondence in the remediation and/or closure report.

Robert Hamlet • Environmental Specialist - Advanced
Environmental Bureau
EMNRD - Oil Conservation Division
506 W. Texas Ave. | Artesia, NM 88210
575.909.0302 | robert.hamlet@state.nm.us
<http://www.emnrd.state.nm.us/OCD/>



From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Friday, April 12, 2024 1:51 PM
To: Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Subject: FW: [EXTERNAL] Extension Request - Corral Gorge 12 13 Federal Com. 32H (Incident ID: nAPP2328544895)

From: Kelly Lowery <klowery@ensolum.com>
Sent: Friday, April 12, 2024 11:54 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Beaux Jennings <bjennings@ensolum.com>; Dittrich, John W <Wade_Dittrich@oxy.com>; Pierce, Tyson (Legacy Safety & Consulting LLC) <tyson_pierce@oxy.com>
Subject: [EXTERNAL] Extension Request - Corral Gorge 12 13 Federal Com. 32H (Incident ID: nAPP2328544895)

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Good afternoon,

On behalf of Oxy USA Inc, Ensolum, LLC would like to request a 90-day extension for the Corral Gorge 12 13 Federal Com. 32H (Incident ID: nAPP2328544895). The release occurred on 10/6/2023, and after conducting an initial Site assessment of the area, it was determined that delineation and excavation of impacted and/or waste containing soils was needed. An original extension request was submitted on 01/12/2024 and approved by the OCD on 01/16/2024 due to closure of the impacted lease road and multiple pipelines within the vicinity of the release hindering remediation activities.

The remediation work needed at the Site requires an ARMs survey through the State Land Office, which is currently pending. Following completion of the ARMs survey, remediation activities will resume.

Per correspondence with Ms. Shelly Wells this morning, it appears that an initial C-141 was not submitted for this project and asked that we submit the initial C-141 and once complete, resubmit the extension request. The initial C-141 has been submitted as of this afternoon. I apologize again for any inconvenience.

Thank you,



Kelly Lowery, GIT
Project Geologist
214-733-3165
Ensolum, LLC
in f 

From: [Hamlet, Robert, EMNRD](#)
To: [Beaux Jennings](#)
Cc: [Dittrich, John W](#); [Pierce, Tyson \(Legacy Safety & Consulting LLC\)](#); [Kelly Lowery](#); [Bratcher, Michael, EMNRD](#); [Wells, Shelly, EMNRD](#); [Velez, Nelson, EMNRD](#)
Subject: (Extension Approval) Corral Gorge 12 13 Federal Com. 32H (Incident ID: nAPP2328544895)
Date: Tuesday, January 16, 2024 10:20:15 AM
Attachments: [image006.png](#)
[image007.png](#)
[image008.png](#)
[image009.png](#)

You don't often get email from robert.hamlet@emnrd.nm.gov. [Learn why this is important](#)

[**EXTERNAL EMAIL**]

RE: Incident #**NAPP2328544895**

Beaux,

Your request for a 90 day extension to **April 15th, 2024** is approved. Please include this e-mail correspondence in the remediation and/or closure report.

Robert Hamlet • Environmental Specialist - Advanced

Environmental Bureau

EMNRD - Oil Conservation Division

506 W. Texas Ave. | Artesia, NM 88210

575.909.0302 | robert.hamlet@state.nm.us

<http://www.emnrd.state.nm.us/OCD/>



From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Friday, January 12, 2024 2:24 PM
To: Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Subject: FW: [EXTERNAL] Corral Gorge 12 13 Federal Com. 32H (Incident ID: nAPP2328544895)

From: Beaux Jennings <bjennings@ensolum.com>
Sent: Friday, January 12, 2024 2:02 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Dittrich, John W <Wade_Dittrich@oxy.com>; Pierce, Tyson (Legacy Safety & Consulting LLC) <Tyson_Pierce@oxy.com>; Kelly Lowery <klowery@ensolum.com>

Subject: [EXTERNAL] Corral Gorge 12 13 Federal Com. 32H (Incident ID: nAPP2328544895)


CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good Afternoon,

On behalf of Oxy USA Inc, Ensolum, LLC would like to request a 90-day extension for the Corral Gorge 12 13 Federal Com. 32H (Incident ID: nAPP2328544895). Excavation activities are currently being conducted at the site and require more time, due to closure of the impacted lease road and multiple pipelines within the vicinity of the release. Please let us know if you have any questions.

Thank you,



Beaux Jennings
Senior Project Manager
210-219-8858
Ensolum, LLC
in f 



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER


www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD1 (SB-1)		WELL TAG ID NO.		OSE FILE NO(S). C- 04604		
	WELL OWNER NAME(S) OXY USA INC				PHONE (OPTIONAL) 575-390-2828		
	WELL OWNER MAILING ADDRESS PO BOX 4294				CITY HOUSTON	STATE TX	ZIP 77210
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 9	SECONDS 27.273 N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND		
		LONGITUDE -103	56	45.0816 W	* DATUM REQUIRED: WGS 84		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE EDDY COUNTY							
2. DRILLING & CASING INFORMATION	LICENSE NO. WD-1184		NAME OF LICENSED DRILLER RUSSELL SOUTHERLAND			NAME OF WELL DRILLING COMPANY WEST TEXAS WATER WELL SERVICE	
	DRILLING STARTED 04/13/22	DRILLING ENDED 04/19/2022	DEPTH OF COMPLETED WELL (FT) 102	BORE HOLE DEPTH (FT) 6 1/2"	DEPTH WATER FIRST ENCOUNTERED (FT) NONE		
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A		
	DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES – SPECIFY:						
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER – SPECIFY:						
	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)
				NO CASING WAS A DRY HOLE			
3. ANNULAR MATERIAL	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT	
				N/A			

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 04/30/19)

FILE NO. C-4604-POD1 SB-1	POD NO. SB-1	TRN NO. 722106
LOCATION Expt 25.29.01.113	WELL TAG ID NO.	PAGE 1 OF 2

	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)	
	FROM	TO					
4. HYDROGEOLOGIC LOG OF WELL	0	10		CALICHE	Y ✓ N		
	10	20		SANDY CALICHE	Y ✓ N		
	20	32		SANDY CALCHE	Y ✓ N		
	32	63		RED SAND	Y ✓ N		
	63	80		BROWN FINE SAND	Y ✓ N		
	80	82		SAND SMALL GRAVEL	Y ✓ N		
	82	102		BROWN SAND	Y ✓ N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
	METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input checked="" type="checkbox"/> OTHER -- SPECIFY: DRY HOLE					TOTAL ESTIMATED WELL YIELD (gpm):	0.00
	5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.				
MISCELLANEOUS INFORMATION: WELL WAS DRY SO IT WAS BACKFILLED WITH CUTTINGS WITHING 72 HOURS <div style="text-align: right;">OSE DJT MAY 4 2022 PM 2:16</div>							
	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:						
6. SIGNATURE	BY SIGNING BELOW, I CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED WELL. I ALSO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND THAT THIS WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLING.						
	 SIGNATURE OF DRILLER / PRINT SIGNEE NAME				RUSSELL SOUTHERLAND DATE		

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 04/30/2019)	
FILE NO.	POD NO.	TRN NO.	
LOCATION	WELL TAG ID NO		PAGE 2 OF 2

Mike A. Hamman, P.E.
State Engineer



roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

**STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER**

Trn Nbr: 722106
File Nbr: C 04604
Well File Nbr: C 04604 POD1

May. 04, 2022

MR. WADE DITTRICH
OXY USA INC
PO BOX 4294
HOUSTON, TX 77210

Greetings:

The above numbered permit was issued in your name on 03/24/2022.

The Well Record was received in this office on 05/04/2022, stating that it had been completed on 04/19/2022, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 03/24/2023.

If you have any questions, please feel free to contact us.

Sincerely,

A handwritten signature in blue ink, appearing to read "Maret Amaral".

Maret Amaral
(575) 622-6521

drywell

Mike A. Hamman, P.E.
State Engineer



Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

**STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER**

Trn Nbr: 722106
File Nbr: C 04604
Well File Nbr: C 04604 POD1

May. 04, 2022

MR. BEAUX JENNINGS
ENSOLUM LLC
705 W WADLEY AVE STE 240
MIDLAND, TX 79705

Greetings:

The above numbered permit was issued in your name on 03/24/2022.

The Well Record was received in this office on 05/04/2022, stating that it had been completed on 04/19/2022, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 03/24/2023.

If you have any questions, please feel free to contact us.

Sincerely,

A handwritten signature in blue ink, appearing to read "Maret Amaral".

Maret Amaral
(575) 622-6521

drywell



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) C-4608		WELL TAG ID NO. n/a		OSE FILE NO(S). POD-1			
	WELL OWNER NAME(S) Lucid Energy Delaware, LLC				PHONE (OPTIONAL)			
	WELL OWNER MAILING ADDRESS 201 S. 4th St.				CITY Artesia	STATE NM	ZIP 88210	
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 9	SECONDS 5.31 N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND			
		LONGITUDE 103	56	19.42 W	* DATUM REQUIRED: WGS 84			
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE NE NE NW Sec 12 T25S R29E, NMPM								
2. DRILLING & CASING INFORMATION	LICENSE NO. 1249		NAME OF LICENSED DRILLER Jackie D. Atkins			NAME OF WELL DRILLING COMPANY Atkins Engineering Associates, Inc.		
	DRILLING STARTED 04/19/2022		DRILLING ENDED 04/19/2022		DEPTH OF COMPLETED WELL (FT) temporary well material	BORE HOLE DEPTH (FT) ±55	DEPTH WATER FIRST ENCOUNTERED (FT) n/a	
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)					STATIC WATER LEVEL IN COMPLETED WELL (FT) n/a	DATE STATIC MEASURED 04/19/2022, 4/26/2024	
	DRILLING FLUID: <input type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input checked="" type="checkbox"/> OTHER - SPECIFY: Hollow Stem Auger						CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>	
	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
				n/a				
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						
				n/a				

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 01/28/2022)

FILE NO.	C-4608	POD NO.	POD1	TRN NO.	723248
LOCATION	12 25S 29E	WELL TAG ID NO.	1-1-2	WELL TAG ID NO.	NA

PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

5. TEST; RIG SUPERVISION

6. SIGNATURE

FC



Stephanie Garcia Richard, Commissioner of Public Lands
State of New Mexico

NMSLO Cultural Resources Cover Sheet Exhibit

NMCRIS Activity Number:

(if applicable)

Exhibit Type (select one)

ARMS Inspection/Review - Summarize the results (select one):

- (A) The entire area of potential effect or project area has been previously surveyed to current standards and **no cultural properties** were found within the survey area.
- (B) The entire area of potential effect or project area has been previously surveyed to current standards and **cultural properties were found** within the survey area.
- (C) The entire area of potential effect or project area has **not** been previously surveyed or **has not been surveyed** to current standards. A complete archaeological survey will be conducted and submitted for review.

Archaeological Survey

Findings:

Negative - No further archaeological review is required.

Positive - Have avoidance and protection measures been devised? Select one:

Comments:

Project Details:

NMSLO Lease Number (if available):

Cultural Resources Consultant:

Project Proponent (Applicant):

Project Title/Description:

Project Location:

County(ies):

PLSS/Section/Township/Range):

For NMSLO Agency Use Only:

NMSLO Lease Number:

Acknowledgment-Only:

Lease Analyst:

Date Exhibit Routed to Cultural Resources Office:

No person may alter the wording of the questions or layout of the cover sheet. The completion of this cover sheet by itself does not authorize anyone to engage in new surface disturbing activity before the review and approvals required by the Cultural Properties Protections Rule.

Form Revised 12 22

Kelly Lowery

From: Raina Hanley <RHanley@bcarch.org>
Sent: Thursday, June 20, 2024 10:35 AM
To: Kelly Lowery; Beaux Jennings; Wade Burns; Marc Seamands
Subject: Fw: Remediation ARMS Cover Sheet for Ensolum (BCA24-1722)

[**EXTERNAL EMAIL**]

From: Curry, Anne R. <acurry@slo.state.nm.us>
Sent: Thursday, June 20, 2024 9:07 AM
To: Raina Hanley <RHanley@bcarch.org>; CRO Info <croinfo@slo.state.nm.us>
Subject: RE: Remediation ARMS Cover Sheet for Ensolum (BCA24-1722)

Good morning Raina,

Thank you for the submission of the attached Cover Sheet. Since the proposed remediation activities will take place in an area that has been covered by archaeological survey, Ensolum is free to move forward with remediation. Please reach out if you have additional questions-



Anne Curry

Archaeologist
Cultural Resources Office
Office: 505.827.1276
Cell: 505.469.5582

New Mexico State Land Office
310 Old Santa Fe Trail



P.O. Box 1148
Santa Fe, NM 87504-1148
acurry@slo.state.nm.us
nmstatelands.org

.....

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From: Raina Hanley <RHanley@bcarch.org>
Sent: Thursday, April 25, 2024 5:25 PM
To: CRO Info <croinfo@slo.state.nm.us>
Subject: [EXTERNAL] Remediation ARMS Cover Sheet for Ensolum (BCA24-1722)

Good Evening,

Attached please find the following ARMS review Cultural Resources Cover Sheet for Ensolum on behalf Oxy USA:

- Oxy's South Hobbs Unit CTB Remediation

The associated ARMS review materials have been submitted through the CPP site. Please let us know if you have any questions or need any additional information.

Thank you!

Raina Hanley
Chief Operating Officer

Beaver Creek Archaeology & Environmental
1632 Capitol Way
Bismarck, ND 58501
Ph: (701) 663-5521 | Fx: (701) 663-5589

Beaver Creek Archaeology & Environmental
712 West Quay Avenue
Artesia, NM 88210
Ph: (575) 746-6142 | Fx: (701) 663-5589



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APPENDIX C

Photographic Documentation

Project: Corral Gorge 12 13 Federal Com. 32H
Entity: Oxy USA, Inc
Project #: 03B1417116

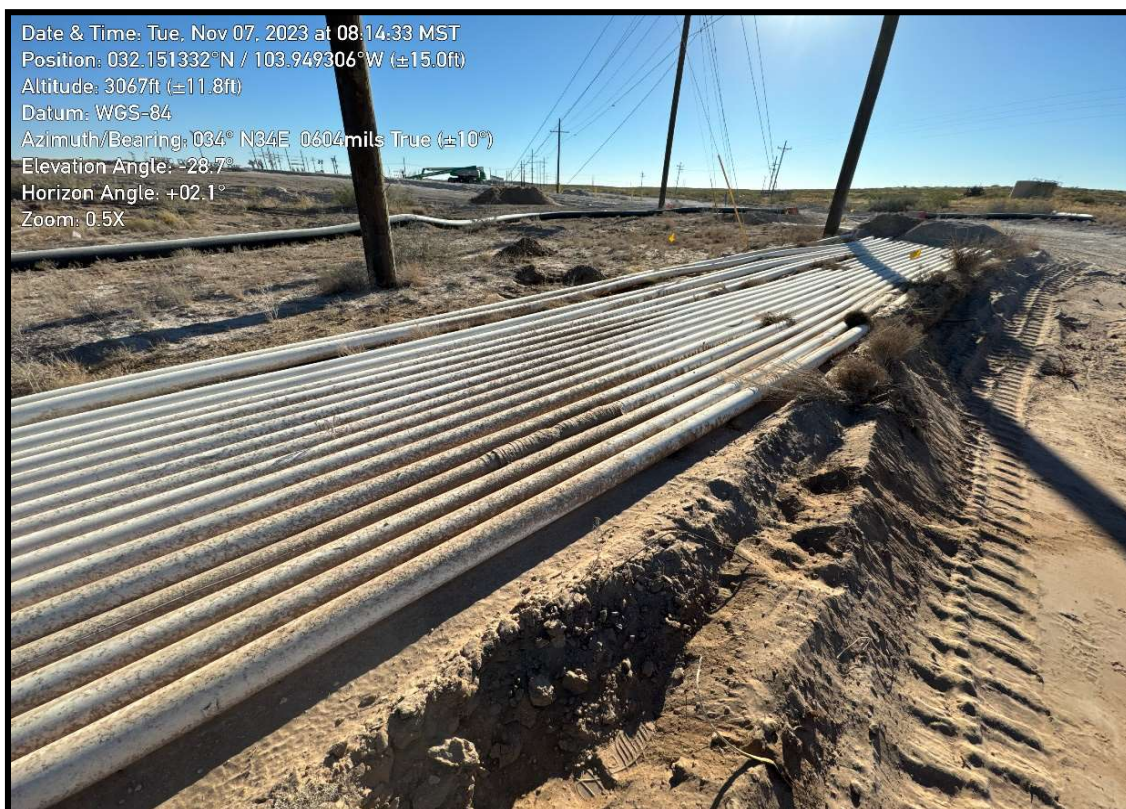


Date & Time: Tue, Nov 07, 2023 at 08:14:58 MST
Position: 032.151410°N / 103.949416°W (± 15.6 ft)
Altitude: 3070ft (± 11.0 ft)
Datum: WGS-84
Azimuth/Bearing: 184° S04W 3271mils True ($\pm 10^\circ$)
Elevation Angle: -02.1°
Horizon Angle: -01.4°
Zoom: 0.5X



View of overspray impact area prior to remediation activities, facing south (November 07, 2023)

Date & Time: Tue, Nov 07, 2023 at 08:14:33 MST
Position: 032.151332°N / 103.949306°W (± 15.0 ft)
Altitude: 3067ft (± 11.8 ft)
Datum: WGS-84
Azimuth/Bearing: 034° N34E 0604mils True ($\pm 10^\circ$)
Elevation Angle: +28.7°
Horizon Angle: +02.1°
Zoom: 0.5X



View of release point, facing northeast (November 07, 2023)

Project: Corral Gorge 12 13 Federal Com. 32H
Entity: Oxy USA, Inc
Project #: 03B1417116

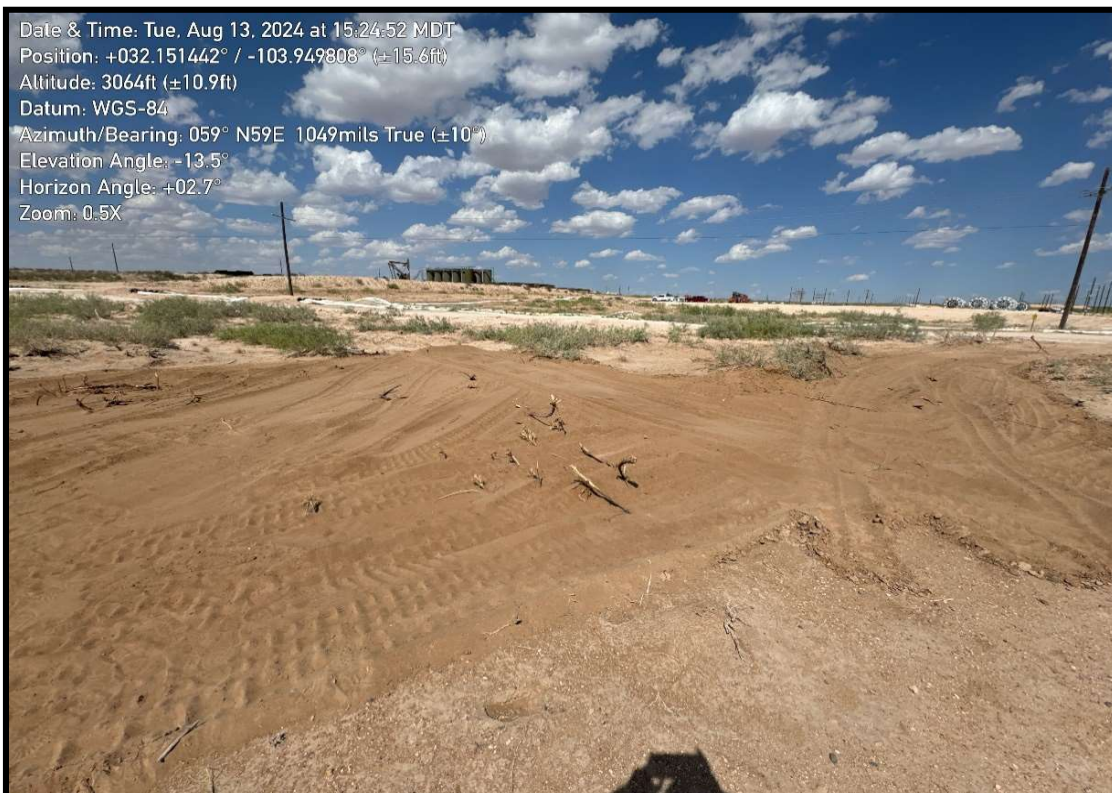


View of excavated overspray impact area during remediation activities, facing northwest (August 13, 2024).

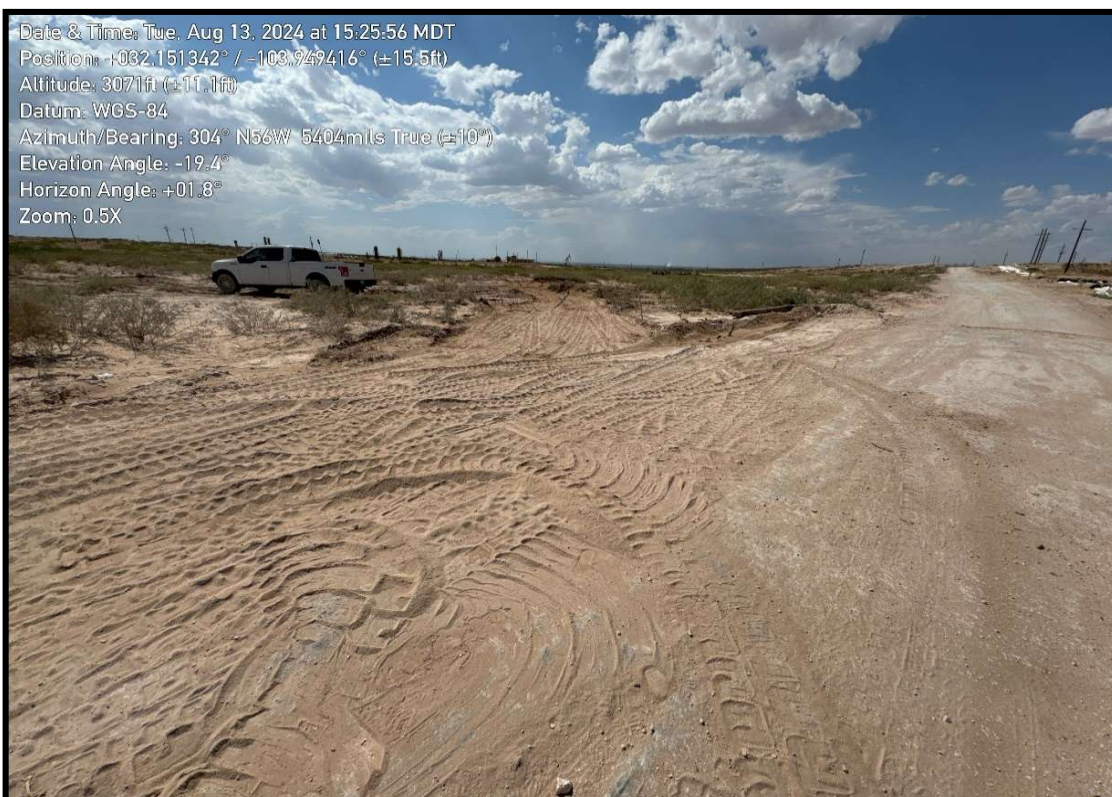


View of excavated overspray impact area during remediation activities, facing northeast (August 13, 2024).

Project: Corral Gorge 12 13 Federal Com. 32H
Entity: Oxy USA, Inc
Project #: 03B1417116



View of excavated overspray impact area during remediation activities, facing northeast (August 13, 2024).



View of excavated overspray impact area during remediation activities, facing northwest (August 13, 2024).

Project: Corral Gorge 12 13 Federal Com. 32H
Entity: Oxy USA, Inc
Project #: 03B1417116



View of excavated overspray impact area post backfill activities, facing north (September 30, 2024).



View of excavated overspray impact area post backfill activities, facing east (September 30, 2024).



APPENDIX D

Table

TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS

Corral Gorge 12 13 Federal Com. 32H

Oxy USA, Inc.

Eddy County, New Mexico

Ensolum Project No. 03B1417116

Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH MRO (mg/kg)	Total TPH (GRO+DRO+MRO) (mg/kg)	Chloride (mg/kg)
New Mexico Oil Conservation Division Closure Criteria for Soils Impacted by a Release (≤ 50 feet)			10	NE	NE	NE	50	NE	NE	NE	100	600
Composite Overspray Impact Area Sample Analytical Results												
FS-01	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	32.5	<10.0	32.5	512
FS-02	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	128
FS-03	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	560
FS-04	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	29.0	<10.0	29.0	640
	8/13/2024	0.50	NS					NS				32.0
FS-05	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	112
FS-06	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	304
FS-07	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	272
FS-08	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	39.6	13.2	52.8	656
	8/13/2024	0.50	NS					NS				48.0
FS-09	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	27.4	<10.0	27.4	768
	8/13/2024	0.50	NS					NS				96.0
FS-10	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	28.1	<10.0	28.1	720
	8/13/2024	0.50	NS					NS				96.0
FS-11	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	192
FS-12	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	112
FS-13	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	272
FS-14	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	624
	8/13/2024	0.50	NS					NS				16.0
FS-15	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	17.0	<10.0	17.0	816
	8/13/2024	0.50	NS					NS				32.0
FS-16	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	112
FS-17	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	144
FS-18	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	448
FS-19	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	10.4	<10.0	10.4	752
	8/13/2024	0.50	NS					NS				32.0
FS-20	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	288
FS-21	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	144
FS-22	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	736
	8/13/2024	0.50	NS					NS				48.0
FS-23	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	432
FS-24	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	160
FS-25	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	192
FS-26	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	256
FS-27	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	1,040
	8/13/2024	0.50	NS					NS				32.0
FS-28	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	144
FS-29	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	256
FS-30	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	38.7	<10.0	38.7	816
	8/13/2024	0.50	NS					NS				96.0

TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS

Corral Gorge 12 13 Federal Com. 32H

Oxy USA, Inc.

Eddy County, New Mexico

Ensolum Project No. 03B1417116

Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH MRO (mg/kg)	Total TPH (GRO+DRO+MRO) (mg/kg)	Chloride (mg/kg)
New Mexico Oil Conservation Division Closure Criteria for Soils Impacted by a Release (≤ 50 feet)			10	NE	NE	NE	50	NE	NE	NE	100	600
FS-31	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	224
FS-32	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	48.5	<10.0	48.5	560
FS-33	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	159	32.1	191	1,040
	8/13/2024	0.50	NS					<10.0	<10.0	<10.0	<10.0	32.0
FS-34	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	416
FS-35	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	528
FS-36	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	400
FS-37	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	75.4	17.6	93.0	848
	8/13/2024	0.50	NS					NS				144
FS-38	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	11.9	<10.0	11.9	112
FS-39	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	61.7	12.8	74.5	1,090
	8/13/2024	0.50	NS					NS				32.0
FS-40	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	864
	8/13/2024	0.50	NS					NS				64.0
FS-41	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	384
FS-42	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	15.2	<10.0	15.2	496
FS-43	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	496
FS-44	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	432
FS-45	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	76.1	13.6	89.7	640
	8/13/2024	0.50	NS					NS				48.0
FS-46	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	13.4	<10.0	13.4	432
FS-47	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	428	119	547	1,460
	8/13/2024	0.50	NS					<10.0	<10.0	<10.0	<10.0	256
FS-48	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	160
Composite Sidewall Sample Analytical Results												
SW-04	8/13/2024	0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	10.6	<10.0	10.6	64.0
SW-08	8/13/2024	0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	128
SW-09	8/13/2024	0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	128
SW-10	8/13/2024	0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
SW-14	8/13/2024	0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
SW-15	8/13/2024	0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
SW-19	8/13/2024	0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
SW-22	8/13/2024	0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
SW-27	8/13/2024	0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
SW-30	8/13/2024	0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
SW-33	8/13/2024	0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
SW-37	8/13/2024	0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	96.0
SW-39	8/13/2024	0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
SW-40	8/13/2024	0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	160
SW-45	8/13/2024	0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
SW-47	8/13/2024	0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0

TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS

Corral Gorge 12 13 Federal Com. 32H


Oxy USA, Inc.

Eddy County, New Mexico

Ensolum Project No. 03B1417116

Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH MRO (mg/kg)	Total TPH (GRO+DRO+MRO) (mg/kg)	Chloride (mg/kg)
New Mexico Oil Conservation Division Closure Criteria for Soils Impacted by a Release (≤ 50 feet)			10	NE	NE	NE	50	NE	NE	NE	100	600
Confirmation Delineation Sample Analytical Results												
DS-01	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	288
DS-02	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	601	156	757	2,120
	8/13/2024	0.50	NS					<10.0	<10.0	<10.0	<10.0	64.0
DS-03	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
DS-04	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
DS-05	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
DS-06	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	672
	8/13/2024	0.50	NS					NS			<10.0	144
DS-07	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
DS-08	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
DS-09	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	128
DS-10	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	128

Concentrations in **bold** and yellow exceed the New Mexico Oil Conservation Division Closure Criteria for Soils Impacted by a Release (≤ 50 feet)

 Additional Excavation and/or Re-Sample

bgs: below ground surface

mg/kg: milligrams per kilogram

NE: Not Established

NS: Not Sampled

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

MRO: Motor Oil/Lube Oil Range Organics

TPH: Total Petroleum Hydrocarbon



TABLE 2
BACKFILL SOIL SAMPLE ANALYTICAL RESULTS
 Lea Land Caliche Pit
 Oxy USA, Inc.
 Lea County, New Mexico
 Ensolum Project No. NA

Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH MRO (mg/kg)	Total TPH (GRO+DRO+MRO) (mg/kg)	Chloride (mg/kg)
New Mexico Oil Conservation Division Closure Criteria for Soils Impacted by a Release (≤ 50 feet)			10	NE	NE	NE	50	NE	NE	NE	100	600
Composite Background Soil Sample Analytical Result												
Lea Land Caliche Pit	09/13/2024	NA	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	98.6	<10.0	98.6	560

bgs: below ground surface

mg/kg: milligrams per kilogram

NA: Not Applicable

NE: Not Established

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

MRO: Motor Oil/Lube Oil Range Organics

TPH: Total Petroleum Hydrocarbon



APPENDIX E

Laboratory Analytical Reports & Chain-of-Custody Documentation



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

July 11, 2024

BEAUX JENNINGS
ENSOLUM, LLC
705 W WADLEY AVE.
MIDLAND, TX 79705

RE: CORRAL GORGE 12 13 FEDERAL COM 32H

Enclosed are the results of analyses for samples received by the laboratory on 07/05/24 15:55.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene
Lab Director/Quality Manager



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

Analytical Results For:

ENSOLUM, LLC
 BEAUX JENNINGS
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	07/05/2024	Sampling Date:	07/05/2024
Reported:	07/11/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: FS 01 0.25 (H244030-01)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2024	ND	1.97	98.4	2.00	8.75	
Toluene*	<0.050	0.050	07/10/2024	ND	1.96	97.9	2.00	9.33	
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	9.73	
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.12	102	6.00	10.2	
Total BTEX	<0.300	0.300	07/10/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	07/10/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	99.2	99.2	100	0.145	
DRO >C10-C28*	32.5	10.0	07/09/2024	ND	103	103	100	0.638	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					

Surrogate: 1-Chlorooctane 94.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.5 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM, LLC
 BEAUX JENNINGS
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	07/05/2024	Sampling Date:	07/05/2024
Reported:	07/11/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: FS 02 0.25 (H244030-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/10/2024	ND	1.97	98.4	2.00	8.75		
Toluene*	<0.050	0.050	07/10/2024	ND	1.96	97.9	2.00	9.33		
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	9.73		
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.12	102	6.00	10.2		
Total BTEX	<0.300	0.300	07/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	07/10/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	99.2	99.2	100	0.145	
DRO >C10-C28*	<10.0	10.0	07/09/2024	ND	103	103	100	0.638	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					

Surrogate: 1-Chlorooctane 98.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM, LLC
 BEAUX JENNINGS
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	07/05/2024	Sampling Date:	07/05/2024
Reported:	07/11/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: FS 03 0.25 (H244030-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/10/2024	ND	1.97	98.4	2.00	8.75		
Toluene*	<0.050	0.050	07/10/2024	ND	1.96	97.9	2.00	9.33		
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	9.73		
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.12	102	6.00	10.2		
Total BTEX	<0.300	0.300	07/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	560	16.0	07/10/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	99.2	99.2	100	0.145	
DRO >C10-C28*	<10.0	10.0	07/09/2024	ND	103	103	100	0.638	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					

Surrogate: 1-Chlorooctane 89.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.9 % 49.1-148

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Analytical Results For:

ENSOLUM, LLC
 BEAUX JENNINGS
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	07/05/2024	Sampling Date:	07/05/2024
Reported:	07/11/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: FS 04 0.25 (H244030-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/10/2024	ND	1.97	98.4	2.00	8.75		
Toluene*	<0.050	0.050	07/10/2024	ND	1.96	97.9	2.00	9.33		
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	9.73		
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.12	102	6.00	10.2		
Total BTEx	<0.300	0.300	07/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	640	16.0	07/10/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	99.2	99.2	100	0.145	
DRO >C10-C28*	29.0	10.0	07/09/2024	ND	103	103	100	0.638	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					

Surrogate: 1-Chlorooctane 97.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.5 % 49.1-148

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Analytical Results For:

ENSOLUM, LLC
 BEAUX JENNINGS
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	07/05/2024	Sampling Date:	07/05/2024
Reported:	07/11/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: FS 05 0.25 (H244030-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/10/2024	ND	1.97	98.4	2.00	8.75		
Toluene*	<0.050	0.050	07/10/2024	ND	1.96	97.9	2.00	9.33		
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	9.73		
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.12	102	6.00	10.2		
Total BTEX	<0.300	0.300	07/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	07/10/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	99.2	99.2	100	0.145	
DRO >C10-C28*	<10.0	10.0	07/09/2024	ND	103	103	100	0.638	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					

Surrogate: 1-Chlorooctane 89.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM, LLC
 BEAUX JENNINGS
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	07/05/2024	Sampling Date:	07/05/2024
Reported:	07/11/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: FS 06 0.25 (H244030-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/10/2024	ND	1.97	98.4	2.00	8.75		
Toluene*	<0.050	0.050	07/10/2024	ND	1.96	97.9	2.00	9.33		
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	9.73		
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.12	102	6.00	10.2		
Total BTEx	<0.300	0.300	07/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	07/10/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	99.2	99.2	100	0.145	
DRO >C10-C28*	<10.0	10.0	07/09/2024	ND	103	103	100	0.638	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					

Surrogate: 1-Chlorooctane 97.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM, LLC
 BEAUX JENNINGS
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	07/05/2024	Sampling Date:	07/05/2024
Reported:	07/11/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: FS 07 0.25 (H244030-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/10/2024	ND	1.97	98.4	2.00	8.75		
Toluene*	<0.050	0.050	07/10/2024	ND	1.96	97.9	2.00	9.33		
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	9.73		
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.12	102	6.00	10.2		
Total BTEx	<0.300	0.300	07/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	07/10/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	99.2	99.2	100	0.145	
DRO >C10-C28*	<10.0	10.0	07/09/2024	ND	103	103	100	0.638	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					

Surrogate: 1-Chlorooctane 96.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.8 % 49.1-148

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Analytical Results For:

ENSOLUM, LLC
 BEAUX JENNINGS
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	07/05/2024	Sampling Date:	07/05/2024
Reported:	07/11/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: FS 08 0.25 (H244030-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/10/2024	ND	1.97	98.4	2.00	8.75		
Toluene*	<0.050	0.050	07/10/2024	ND	1.96	97.9	2.00	9.33		
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	9.73		
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.12	102	6.00	10.2		
Total BTEx	<0.300	0.300	07/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	656	16.0	07/10/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	99.2	99.2	100	0.145	
DRO >C10-C28*	39.6	10.0	07/09/2024	ND	103	103	100	0.638	
EXT DRO >C28-C36	13.2	10.0	07/09/2024	ND					

Surrogate: 1-Chlorooctane 74.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM, LLC
 BEAUX JENNINGS
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	07/05/2024	Sampling Date:	07/05/2024
Reported:	07/11/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: FS 09 0.25 (H244030-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/10/2024	ND	1.97	98.4	2.00	8.75		
Toluene*	<0.050	0.050	07/10/2024	ND	1.96	97.9	2.00	9.33		
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	9.73		
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.12	102	6.00	10.2		
Total BTEX	<0.300	0.300	07/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	768	16.0	07/10/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	99.2	99.2	100	0.145	
DRO >C10-C28*	27.4	10.0	07/09/2024	ND	103	103	100	0.638	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					

Surrogate: 1-Chlorooctane 89.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.8 % 49.1-148

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Analytical Results For:

ENSOLUM, LLC
 BEAUX JENNINGS
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	07/05/2024	Sampling Date:	07/05/2024
Reported:	07/11/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: FS 10 0.25 (H244030-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/10/2024	ND	1.97	98.4	2.00	8.75		
Toluene*	<0.050	0.050	07/10/2024	ND	1.96	97.9	2.00	9.33		
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	9.73		
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.12	102	6.00	10.2		
Total BTEx	<0.300	0.300	07/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	720	16.0	07/10/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	99.2	99.2	100	0.145	
DRO >C10-C28*	28.1	10.0	07/09/2024	ND	103	103	100	0.638	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					

Surrogate: 1-Chlorooctane 89.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.0 % 49.1-148

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Analytical Results For:

ENSOLUM, LLC
 BEAUX JENNINGS
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	07/05/2024	Sampling Date:	07/05/2024
Reported:	07/11/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: FS 11 0.25 (H244030-11)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/10/2024	ND	1.97	98.4	2.00	8.75		
Toluene*	<0.050	0.050	07/10/2024	ND	1.96	97.9	2.00	9.33		
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	9.73		
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.12	102	6.00	10.2		
Total BTEx	<0.300	0.300	07/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	07/10/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	99.2	99.2	100	0.145	
DRO >C10-C28*	<10.0	10.0	07/09/2024	ND	103	103	100	0.638	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					

Surrogate: 1-Chlorooctane 94.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM, LLC
 BEAUX JENNINGS
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	07/05/2024	Sampling Date:	07/05/2024
Reported:	07/11/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: FS 12 0.25 (H244030-12)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/10/2024	ND	1.97	98.4	2.00	8.75		
Toluene*	<0.050	0.050	07/10/2024	ND	1.96	97.9	2.00	9.33		
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	9.73		
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.12	102	6.00	10.2		
Total BTEx	<0.300	0.300	07/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	07/10/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	99.2	99.2	100	0.145	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	103	103	100	0.638	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 94.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.6 % 49.1-148

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Analytical Results For:

ENSOLUM, LLC
 BEAUX JENNINGS
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	07/05/2024	Sampling Date:	07/05/2024
Reported:	07/11/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: FS 13 0.25 (H244030-13)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/10/2024	ND	1.97	98.4	2.00	8.75		
Toluene*	<0.050	0.050	07/10/2024	ND	1.96	97.9	2.00	9.33		
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	9.73		
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.12	102	6.00	10.2		
Total BTEx	<0.300	0.300	07/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	07/10/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	99.2	99.2	100	0.145	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	103	103	100	0.638	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 95.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.8 % 49.1-148

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Analytical Results For:

ENSOLUM, LLC
 BEAUX JENNINGS
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	07/05/2024	Sampling Date:	07/05/2024
Reported:	07/11/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: FS 14 0.25 (H244030-14)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/10/2024	ND	1.97	98.4	2.00	8.75		
Toluene*	<0.050	0.050	07/10/2024	ND	1.96	97.9	2.00	9.33		
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	9.73		
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.12	102	6.00	10.2		
Total BTEX	<0.300	0.300	07/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	624	16.0	07/10/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	99.2	99.2	100	0.145	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	103	103	100	0.638	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 89.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM, LLC
 BEAUX JENNINGS
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	07/05/2024	Sampling Date:	07/05/2024
Reported:	07/11/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: FS 15 0.25 (H244030-15)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/10/2024	ND	1.97	98.4	2.00	8.75		
Toluene*	<0.050	0.050	07/10/2024	ND	1.96	97.9	2.00	9.33		
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	9.73		
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.12	102	6.00	10.2		
Total BTEx	<0.300	0.300	07/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	816	16.0	07/10/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	99.7	99.7	100	1.81	
DRO >C10-C28*	17.0	10.0	07/09/2024	ND	91.8	91.8	100	0.279	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					

Surrogate: 1-Chlorooctane 84.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.0 % 49.1-148

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Analytical Results For:

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 BEAUX JENNINGS
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	07/05/2024	Sampling Date:	07/05/2024
Reported:	07/11/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: FS 16 0.25 (H244030-16)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/10/2024	ND	1.97	98.4	2.00	8.75		
Toluene*	<0.050	0.050	07/10/2024	ND	1.96	97.9	2.00	9.33		
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	9.73		
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.12	102	6.00	10.2		
Total BTEX	<0.300	0.300	07/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	07/10/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	99.7	99.7	100	1.81	
DRO >C10-C28*	<10.0	10.0	07/09/2024	ND	91.8	91.8	100	0.279	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					

Surrogate: 1-Chlorooctane 87.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM, LLC
 BEAUX JENNINGS
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	07/05/2024	Sampling Date:	07/05/2024
Reported:	07/11/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: FS 17 0.25 (H244030-17)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/10/2024	ND	1.97	98.4	2.00	8.75		
Toluene*	<0.050	0.050	07/10/2024	ND	1.96	97.9	2.00	9.33		
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	9.73		
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.12	102	6.00	10.2		
Total BTEX	<0.300	0.300	07/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	07/10/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	99.7	99.7	100	1.81	
DRO >C10-C28*	<10.0	10.0	07/09/2024	ND	91.8	91.8	100	0.279	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					

Surrogate: 1-Chlorooctane 86.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM, LLC
 BEAUX JENNINGS
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	07/05/2024	Sampling Date:	07/05/2024
Reported:	07/11/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: FS 18 0.25 (H244030-18)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/10/2024	ND	1.97	98.4	2.00	8.75		
Toluene*	<0.050	0.050	07/10/2024	ND	1.96	97.9	2.00	9.33		
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	9.73		
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.12	102	6.00	10.2		
Total BTEx	<0.300	0.300	07/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	448	16.0	07/10/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	99.7	99.7	100	1.81	
DRO >C10-C28*	<10.0	10.0	07/09/2024	ND	91.8	91.8	100	0.279	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					

Surrogate: 1-Chlorooctane 75.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.1 % 49.1-148

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Analytical Results For:

ENSOLUM, LLC
 BEAUX JENNINGS
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	07/05/2024	Sampling Date:	07/05/2024
Reported:	07/11/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: FS 19 0.25 (H244030-19)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	2.36	QR-03	
Toluene*	<0.050	0.050	07/10/2024	ND	2.07	103	2.00	4.70	QR-03	
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.14	107	2.00	3.98		
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.33	106	6.00	4.03		
Total BTEx	<0.300	0.300	07/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	752	16.0	07/10/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	99.7	99.7	100	1.81	
DRO >C10-C28*	10.4	10.0	07/09/2024	ND	91.8	91.8	100	0.279	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					

Surrogate: 1-Chlorooctane 79.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.7 % 49.1-148

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Analytical Results For:

ENSOLUM, LLC
 BEAUX JENNINGS
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	07/05/2024	Sampling Date:	07/05/2024
Reported:	07/11/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: FS 20 0.25 (H244030-20)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	2.36		
Toluene*	<0.050	0.050	07/10/2024	ND	2.07	103	2.00	4.70		
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.14	107	2.00	3.98		
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.33	106	6.00	4.03		
Total BTEx	<0.300	0.300	07/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	07/10/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	99.7	99.7	100	1.81	
DRO >C10-C28*	<10.0	10.0	07/09/2024	ND	91.8	91.8	100	0.279	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					

Surrogate: 1-Chlorooctane 80.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.3 % 49.1-148

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Analytical Results For:

ENSOLUM, LLC
 BEAUX JENNINGS
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	07/05/2024	Sampling Date:	07/05/2024
Reported:	07/11/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: FS 21 0.25 (H244030-21)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	2.36		
Toluene*	<0.050	0.050	07/10/2024	ND	2.07	103	2.00	4.70		
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.14	107	2.00	3.98		
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.33	106	6.00	4.03		
Total BTEx	<0.300	0.300	07/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	07/10/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	99.7	99.7	100	1.81	
DRO >C10-C28*	<10.0	10.0	07/09/2024	ND	91.8	91.8	100	0.279	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					

Surrogate: 1-Chlorooctane 79.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.5 % 49.1-148

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Analytical Results For:

ENSOLUM, LLC
 BEAUX JENNINGS
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	07/05/2024	Sampling Date:	07/05/2024
Reported:	07/11/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: FS 22 0.25 (H244030-22)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	2.36		
Toluene*	<0.050	0.050	07/10/2024	ND	2.07	103	2.00	4.70		
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.14	107	2.00	3.98		
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.33	106	6.00	4.03		
Total BTX	<0.300	0.300	07/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	736	16.0	07/10/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	99.7	99.7	100	1.81	
DRO >C10-C28*	<10.0	10.0	07/09/2024	ND	91.8	91.8	100	0.279	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					

Surrogate: 1-Chlorooctane 79.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.6 % 49.1-148

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Analytical Results For:

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 MIDLAND TX, 79705
 Fax To:

Received:	07/05/2024	Sampling Date:	07/05/2024
Reported:	07/11/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: FS 23 0.25 (H244030-23)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	2.36		
Toluene*	<0.050	0.050	07/10/2024	ND	2.07	103	2.00	4.70		
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.14	107	2.00	3.98		
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.33	106	6.00	4.03		
Total BTEx	<0.300	0.300	07/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	432	16.0	07/10/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	99.7	99.7	100	1.81	
DRO >C10-C28*	<10.0	10.0	07/09/2024	ND	91.8	91.8	100	0.279	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					

Surrogate: 1-Chlorooctane 78.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.5 % 49.1-148

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Analytical Results For:

ENSOLUM, LLC
 BEAUX JENNINGS
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	07/05/2024	Sampling Date:	07/05/2024
Reported:	07/11/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: FS 24 0.25 (H244030-24)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	2.36		
Toluene*	<0.050	0.050	07/10/2024	ND	2.07	103	2.00	4.70		
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.14	107	2.00	3.98		
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.33	106	6.00	4.03		
Total BTEx	<0.300	0.300	07/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	07/10/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	99.7	99.7	100	1.81	
DRO >C10-C28*	<10.0	10.0	07/09/2024	ND	91.8	91.8	100	0.279	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					

Surrogate: 1-Chlorooctane 82.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.9 % 49.1-148

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Analytical Results For:

ENSOLUM, LLC
 BEAUX JENNINGS
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	07/05/2024	Sampling Date:	07/05/2024
Reported:	07/11/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: FS 25 0.25 (H244030-25)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	2.36		
Toluene*	<0.050	0.050	07/10/2024	ND	2.07	103	2.00	4.70		
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.14	107	2.00	3.98		
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.33	106	6.00	4.03		
Total BTX	<0.300	0.300	07/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	07/10/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	99.7	99.7	100	1.81	
DRO >C10-C28*	<10.0	10.0	07/09/2024	ND	91.8	91.8	100	0.279	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					

Surrogate: 1-Chlorooctane 75.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.0 % 49.1-148

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Analytical Results For:

ENSOLUM, LLC
 BEAUX JENNINGS
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	07/05/2024	Sampling Date:	07/05/2024
Reported:	07/11/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: FS 26 0.25 (H244030-26)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	2.36		
Toluene*	<0.050	0.050	07/10/2024	ND	2.07	103	2.00	4.70		
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.14	107	2.00	3.98		
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.33	106	6.00	4.03		
Total BTX	<0.300	0.300	07/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	07/10/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	99.7	99.7	100	1.81	
DRO >C10-C28*	<10.0	10.0	07/09/2024	ND	91.8	91.8	100	0.279	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					

Surrogate: 1-Chlorooctane 85.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.6 % 49.1-148

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Analytical Results For:

ENSOLUM, LLC
 BEAUX JENNINGS
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	07/05/2024	Sampling Date:	07/05/2024
Reported:	07/11/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: FS 27 0.25 (H244030-27)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	2.36		
Toluene*	<0.050	0.050	07/10/2024	ND	2.07	103	2.00	4.70		
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.14	107	2.00	3.98		
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.33	106	6.00	4.03		
Total BTEX	<0.300	0.300	07/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1040	16.0	07/10/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	99.7	99.7	100	1.81	
DRO >C10-C28*	<10.0	10.0	07/09/2024	ND	91.8	91.8	100	0.279	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					

Surrogate: 1-Chlorooctane 93.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.9 % 49.1-148

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Analytical Results For:

ENSOLUM, LLC
 BEAUX JENNINGS
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	07/05/2024	Sampling Date:	07/05/2024
Reported:	07/11/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: FS 28 0.25 (H244030-28)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	2.36		
Toluene*	<0.050	0.050	07/10/2024	ND	2.07	103	2.00	4.70		
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.14	107	2.00	3.98		
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.33	106	6.00	4.03		
Total BTX	<0.300	0.300	07/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	07/10/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	99.7	99.7	100	1.81	
DRO >C10-C28*	<10.0	10.0	07/09/2024	ND	91.8	91.8	100	0.279	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					

Surrogate: 1-Chlorooctane 84.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM, LLC
 BEAUX JENNINGS
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	07/05/2024	Sampling Date:	07/05/2024
Reported:	07/11/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: FS 29 0.25 (H244030-29)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	2.36		
Toluene*	<0.050	0.050	07/10/2024	ND	2.07	103	2.00	4.70		
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.14	107	2.00	3.98		
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.33	106	6.00	4.03		
Total BTEX	<0.300	0.300	07/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	07/10/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	99.7	99.7	100	1.81	
DRO >C10-C28*	<10.0	10.0	07/09/2024	ND	91.8	91.8	100	0.279	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					

Surrogate: 1-Chlorooctane 93.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM, LLC
 BEAUX JENNINGS
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	07/05/2024	Sampling Date:	07/05/2024
Reported:	07/11/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: FS 30 0.25 (H244030-30)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	2.36		
Toluene*	<0.050	0.050	07/10/2024	ND	2.07	103	2.00	4.70		
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.14	107	2.00	3.98		
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.33	106	6.00	4.03		
Total BTX	<0.300	0.300	07/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	816	16.0	07/10/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	99.7	99.7	100	1.81	
DRO >C10-C28*	38.7	10.0	07/09/2024	ND	91.8	91.8	100	0.279	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					

Surrogate: 1-Chlorooctane 83.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.2 % 49.1-148

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Analytical Results For:

ENSOLUM, LLC
 BEAUX JENNINGS
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	07/05/2024	Sampling Date:	07/05/2024
Reported:	07/11/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: FS 31 0.25 (H244030-31)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	2.36		
Toluene*	<0.050	0.050	07/10/2024	ND	2.07	103	2.00	4.70		
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.14	107	2.00	3.98		
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.33	106	6.00	4.03		
Total BTX	<0.300	0.300	07/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	07/10/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	99.7	99.7	100	1.81	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	91.8	91.8	100	0.279	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 88.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.5 % 49.1-148

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Analytical Results For:

ENSOLUM, LLC
 BEAUX JENNINGS
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	07/05/2024	Sampling Date:	07/05/2024
Reported:	07/11/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: FS 32 0.25 (H244030-32)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	2.36		
Toluene*	<0.050	0.050	07/10/2024	ND	2.07	103	2.00	4.70		
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.14	107	2.00	3.98		
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.33	106	6.00	4.03		
Total BTEx	<0.300	0.300	07/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	560	16.0	07/10/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	99.7	99.7	100	1.81	
DRO >C10-C28*	48.5	10.0	07/10/2024	ND	91.8	91.8	100	0.279	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 87.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.2 % 49.1-148

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Analytical Results For:

ENSOLUM, LLC
 BEAUX JENNINGS
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	07/05/2024	Sampling Date:	07/05/2024
Reported:	07/11/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: FS 33 0.25 (H244030-33)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	2.36		
Toluene*	<0.050	0.050	07/10/2024	ND	2.07	103	2.00	4.70		
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.14	107	2.00	3.98		
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.33	106	6.00	4.03		
Total BTX	<0.300	0.300	07/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1040	16.0	07/10/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	99.7	99.7	100	1.81	
DRO >C10-C28*	159	10.0	07/10/2024	ND	91.8	91.8	100	0.279	
EXT DRO >C28-C36	32.1	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 86.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.1 % 49.1-148

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Analytical Results For:

ENSOLUM, LLC
 BEAUX JENNINGS
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	07/05/2024	Sampling Date:	07/05/2024
Reported:	07/11/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: FS 34 0.25 (H244030-34)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	2.36		
Toluene*	<0.050	0.050	07/10/2024	ND	2.07	103	2.00	4.70		
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.14	107	2.00	3.98		
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.33	106	6.00	4.03		
Total BTEx	<0.300	0.300	07/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	416	16.0	07/10/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	99.7	99.7	100	1.81	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	91.8	91.8	100	0.279	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 86.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.9 % 49.1-148

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Analytical Results For:

ENSOLUM, LLC
 BEAUX JENNINGS
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	07/05/2024	Sampling Date:	07/05/2024
Reported:	07/11/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: FS 35 0.25 (H244030-35)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	2.36		
Toluene*	<0.050	0.050	07/10/2024	ND	2.07	103	2.00	4.70		
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.14	107	2.00	3.98		
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.33	106	6.00	4.03		
Total BTX	<0.300	0.300	07/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	528	16.0	07/10/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	93.2	93.2	100	1.23	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	89.2	89.2	100	6.57	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Analytical Results For:

ENSOLUM, LLC
BEAUX JENNINGS
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	07/05/2024	Sampling Date:	07/05/2024
Reported:	07/11/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: FS 36 0.25 (H244030-36)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	2.36		
Toluene*	<0.050	0.050	07/10/2024	ND	2.07	103	2.00	4.70		
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.14	107	2.00	3.98		
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.33	106	6.00	4.03		
Total BTEx	<0.300	0.300	07/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	07/10/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	93.2	93.2	100	1.23	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	89.2	89.2	100	6.57	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 86.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.4 % 49.1-148

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Analytical Results For:

ENSOLUM, LLC
 BEAUX JENNINGS
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	07/05/2024	Sampling Date:	07/05/2024
Reported:	07/11/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: FS 37 0.25 (H244030-37)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	2.36		
Toluene*	<0.050	0.050	07/10/2024	ND	2.07	103	2.00	4.70		
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.14	107	2.00	3.98		
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.33	106	6.00	4.03		
Total BTEx	<0.300	0.300	07/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	848	16.0	07/10/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	93.2	93.2	100	1.23	
DRO >C10-C28*	75.4	10.0	07/10/2024	ND	89.2	89.2	100	6.57	
EXT DRO >C28-C36	17.6	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 91.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Analytical Results For:

ENSOLUM, LLC
 BEAUX JENNINGS
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	07/05/2024	Sampling Date:	07/05/2024
Reported:	07/11/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: FS 38 0.25 (H244030-38)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	2.36		
Toluene*	<0.050	0.050	07/10/2024	ND	2.07	103	2.00	4.70		
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.14	107	2.00	3.98		
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.33	106	6.00	4.03		
Total BTEX	<0.300	0.300	07/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	07/10/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	93.2	93.2	100	1.23	
DRO >C10-C28*	11.9	10.0	07/10/2024	ND	89.2	89.2	100	6.57	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 93.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Analytical Results For:

ENSOLUM, LLC
 BEAUX JENNINGS
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	07/05/2024	Sampling Date:	07/05/2024
Reported:	07/11/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: FS 39 0.25 (H244030-39)

BTX 8021B			mg/kg		Analyzed By: JH				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2024	ND	2.13	106	2.00	2.69	
Toluene*	<0.050	0.050	07/10/2024	ND	2.33	116	2.00	3.28	QR-03
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.49	124	2.00	1.45	QR-03
Total Xylenes*	<0.150	0.150	07/10/2024	ND	7.70	128	6.00	1.35	QR-03
Total BTX	<0.300	0.300	07/10/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B			mg/kg		Analyzed By: CT				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1090	16.0	07/10/2024	ND	400	100	400	7.69	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	93.2	93.2	100	1.23	
DRO >C10-C28*	61.7	10.0	07/10/2024	ND	89.2	89.2	100	6.57	
EXT DRO >C28-C36	12.8	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 93.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Analytical Results For:

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 BEAUX JENNINGS
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	07/05/2024	Sampling Date:	07/05/2024
Reported:	07/11/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: FS 40 0.25 (H244030-40)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/10/2024	ND	2.13	106	2.00	2.69		
Toluene*	<0.050	0.050	07/10/2024	ND	2.33	116	2.00	3.28		
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.49	124	2.00	1.45		
Total Xylenes*	<0.150	0.150	07/10/2024	ND	7.70	128	6.00	1.35		
Total BTEx	<0.300	0.300	07/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	864	16.0	07/10/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	93.2	93.2	100	1.23	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	89.2	89.2	100	6.57	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 97.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Analytical Results For:

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 MIDLAND TX, 79705
 Fax To:

Received:	07/05/2024	Sampling Date:	07/05/2024
Reported:	07/11/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: FS 41 0.25 (H244030-41)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/10/2024	ND	2.13	106	2.00	2.69		
Toluene*	<0.050	0.050	07/10/2024	ND	2.33	116	2.00	3.28		
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.49	124	2.00	1.45		
Total Xylenes*	<0.150	0.150	07/10/2024	ND	7.70	128	6.00	1.35		
Total BTEx	<0.300	0.300	07/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	384	16.0	07/10/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	93.2	93.2	100	1.23	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	89.2	89.2	100	6.57	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 91.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

ENSOLUM, LLC
 BEAUX JENNINGS
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	07/05/2024	Sampling Date:	07/05/2024
Reported:	07/11/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: FS 42 0.25 (H244030-42)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/10/2024	ND	2.13	106	2.00	2.69		
Toluene*	<0.050	0.050	07/10/2024	ND	2.33	116	2.00	3.28		
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.49	124	2.00	1.45		
Total Xylenes*	<0.150	0.150	07/10/2024	ND	7.70	128	6.00	1.35		
Total BTEX	<0.300	0.300	07/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	496	16.0	07/10/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	93.2	93.2	100	1.23	
DRO >C10-C28*	15.2	10.0	07/10/2024	ND	89.2	89.2	100	6.57	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 94.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

ENSOLUM, LLC
 BEAUX JENNINGS
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	07/05/2024	Sampling Date:	07/05/2024
Reported:	07/11/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: FS 43 0.25 (H244030-43)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/10/2024	ND	2.13	106	2.00	2.69		
Toluene*	<0.050	0.050	07/10/2024	ND	2.33	116	2.00	3.28		
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.49	124	2.00	1.45		
Total Xylenes*	<0.150	0.150	07/10/2024	ND	7.70	128	6.00	1.35		
Total BTEx	<0.300	0.300	07/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	496	16.0	07/10/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	93.2	93.2	100	1.23	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	89.2	89.2	100	6.57	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 92.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Analytical Results For:

ENSOLUM, LLC
 BEAUX JENNINGS
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	07/05/2024	Sampling Date:	07/05/2024
Reported:	07/11/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: FS 44 0.25 (H244030-44)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2024	ND	2.13	106	2.00	2.69	
Toluene*	<0.050	0.050	07/10/2024	ND	2.33	116	2.00	3.28	
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.49	124	2.00	1.45	
Total Xylenes*	<0.150	0.150	07/10/2024	ND	7.70	128	6.00	1.35	
Total BTX	<0.300	0.300	07/10/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	07/10/2024	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	93.2	93.2	100	1.23	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	89.2	89.2	100	6.57	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 93.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM, LLC
 BEAUX JENNINGS
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	07/05/2024	Sampling Date:	07/05/2024
Reported:	07/11/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: FS 45 0.25 (H244030-45)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/10/2024	ND	2.13	106	2.00	2.69		
Toluene*	<0.050	0.050	07/10/2024	ND	2.33	116	2.00	3.28		
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.49	124	2.00	1.45		
Total Xylenes*	<0.150	0.150	07/10/2024	ND	7.70	128	6.00	1.35		
Total BTEX	<0.300	0.300	07/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	640	16.0	07/10/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	93.2	93.2	100	1.23	
DRO >C10-C28*	76.1	10.0	07/10/2024	ND	89.2	89.2	100	6.57	
EXT DRO >C28-C36	13.6	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Analytical Results For:

ENSOLUM, LLC
 BEAUX JENNINGS
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	07/05/2024	Sampling Date:	07/05/2024
Reported:	07/11/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: FS 46 0.25 (H244030-46)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/10/2024	ND	2.13	106	2.00	2.69		
Toluene*	<0.050	0.050	07/10/2024	ND	2.33	116	2.00	3.28		
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.49	124	2.00	1.45		
Total Xylenes*	<0.150	0.150	07/10/2024	ND	7.70	128	6.00	1.35		
Total BTEx	<0.300	0.300	07/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	432	16.0	07/10/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	93.2	93.2	100	1.23	
DRO >C10-C28*	13.4	10.0	07/10/2024	ND	89.2	89.2	100	6.57	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 85.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.0 % 49.1-148

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Analytical Results For:

ENSOLUM, LLC
 BEAUX JENNINGS
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	07/05/2024	Sampling Date:	07/05/2024
Reported:	07/11/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: FS 47 0.25 (H244030-47)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2024	ND	2.13	106	2.00	2.69	
Toluene*	<0.050	0.050	07/10/2024	ND	2.33	116	2.00	3.28	
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.49	124	2.00	1.45	
Total Xylenes*	<0.150	0.150	07/10/2024	ND	7.70	128	6.00	1.35	
Total BTEX	<0.300	0.300	07/10/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1460	16.0	07/10/2024	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	93.2	93.2	100	1.23	
DRO >C10-C28*	428	10.0	07/10/2024	ND	89.2	89.2	100	6.57	
EXT DRO >C28-C36	119	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 97.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 49.1-148

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Analytical Results For:

ENSOLUM, LLC
 BEAUX JENNINGS
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	07/05/2024	Sampling Date:	07/05/2024
Reported:	07/11/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: FS 48 0.25 (H244030-48)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/10/2024	ND	2.13	106	2.00	2.69		
Toluene*	<0.050	0.050	07/10/2024	ND	2.33	116	2.00	3.28		
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.49	124	2.00	1.45		
Total Xylenes*	<0.150	0.150	07/10/2024	ND	7.70	128	6.00	1.35		
Total BTEx	<0.300	0.300	07/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	07/10/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	93.2	93.2	100	1.23	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	89.2	89.2	100	6.57	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 98.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Analytical Results For:

ENSOLUM, LLC
 BEAUX JENNINGS
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	07/05/2024	Sampling Date:	07/05/2024
Reported:	07/11/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: DS 01 0.25 (H244030-49)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/10/2024	ND	2.13	106	2.00	2.69		
Toluene*	<0.050	0.050	07/10/2024	ND	2.33	116	2.00	3.28		
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.49	124	2.00	1.45		
Total Xylenes*	<0.150	0.150	07/10/2024	ND	7.70	128	6.00	1.35		
Total BTEX	<0.300	0.300	07/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	07/10/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	93.2	93.2	100	1.23	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	89.2	89.2	100	6.57	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 87.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.6 % 49.1-148

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Analytical Results For:

ENSOLUM, LLC
 BEAUX JENNINGS
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	07/05/2024	Sampling Date:	07/05/2024
Reported:	07/11/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: DS 02 0.25 (H244030-50)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/10/2024	ND	2.13	106	2.00	2.69		
Toluene*	<0.050	0.050	07/10/2024	ND	2.33	116	2.00	3.28		
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.49	124	2.00	1.45		
Total Xylenes*	<0.150	0.150	07/10/2024	ND	7.70	128	6.00	1.35		
Total BTEX	<0.300	0.300	07/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2120	16.0	07/10/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	93.2	93.2	100	1.23	
DRO >C10-C28*	601	10.0	07/10/2024	ND	89.2	89.2	100	6.57	
EXT DRO >C28-C36	156	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 95.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 134 % 49.1-148

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Analytical Results For:

ENSOLUM, LLC
 BEAUX JENNINGS
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	07/05/2024	Sampling Date:	07/05/2024
Reported:	07/11/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: DS 03 0.25 (H244030-51)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/10/2024	ND	2.13	106	2.00	2.69		
Toluene*	<0.050	0.050	07/10/2024	ND	2.33	116	2.00	3.28		
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.49	124	2.00	1.45		
Total Xylenes*	<0.150	0.150	07/10/2024	ND	7.70	128	6.00	1.35		
Total BTEX	<0.300	0.300	07/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	07/10/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	93.2	93.2	100	1.23	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	89.2	89.2	100	6.57	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 95.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Analytical Results For:

ENSOLUM, LLC
 BEAUX JENNINGS
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	07/05/2024	Sampling Date:	07/05/2024
Reported:	07/11/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: DS 04 0.25 (H244030-52)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/10/2024	ND	2.13	106	2.00	2.69		
Toluene*	<0.050	0.050	07/10/2024	ND	2.33	116	2.00	3.28		
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.49	124	2.00	1.45		
Total Xylenes*	<0.150	0.150	07/10/2024	ND	7.70	128	6.00	1.35		
Total BTEX	<0.300	0.300	07/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/10/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	93.2	93.2	100	1.23	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	89.2	89.2	100	6.57	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 97.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Analytical Results For:

ENSOLUM, LLC
BEAUX JENNINGS
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	07/05/2024	Sampling Date:	07/05/2024
Reported:	07/11/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: DS 05 0.25 (H244030-53)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/10/2024	ND	2.13	106	2.00	2.69		
Toluene*	<0.050	0.050	07/10/2024	ND	2.33	116	2.00	3.28		
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.49	124	2.00	1.45		
Total Xylenes*	<0.150	0.150	07/10/2024	ND	7.70	128	6.00	1.35		
Total BTX	<0.300	0.300	07/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/10/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	93.2	93.2	100	1.23	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	89.2	89.2	100	6.57	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 94.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM, LLC
 BEAUX JENNINGS
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	07/05/2024	Sampling Date:	07/05/2024
Reported:	07/11/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: DS 06 0.25 (H244030-54)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/10/2024	ND	2.13	106	2.00	2.69		
Toluene*	<0.050	0.050	07/10/2024	ND	2.33	116	2.00	3.28		
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.49	124	2.00	1.45		
Total Xylenes*	<0.150	0.150	07/10/2024	ND	7.70	128	6.00	1.35		
Total BTEX	<0.300	0.300	07/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	672	16.0	07/10/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	93.2	93.2	100	1.23	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	89.2	89.2	100	6.57	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 91.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM, LLC
 BEAUX JENNINGS
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	07/05/2024	Sampling Date:	07/05/2024
Reported:	07/11/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: DS 07 0.25 (H244030-55)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2024	ND	2.13	106	2.00	2.69	
Toluene*	<0.050	0.050	07/10/2024	ND	2.33	116	2.00	3.28	
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.49	124	2.00	1.45	
Total Xylenes*	<0.150	0.150	07/10/2024	ND	7.70	128	6.00	1.35	
Total BTX	<0.300	0.300	07/10/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/10/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	186	93.2	200	1.26	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	180	90.2	200	2.45	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 82.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM, LLC
 BEAUX JENNINGS
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	07/05/2024	Sampling Date:	07/05/2024
Reported:	07/11/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: DS 08 0.25 (H244030-56)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2024	ND	2.13	106	2.00	2.69	
Toluene*	<0.050	0.050	07/10/2024	ND	2.33	116	2.00	3.28	
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.49	124	2.00	1.45	
Total Xylenes*	<0.150	0.150	07/10/2024	ND	7.70	128	6.00	1.35	
Total BTX	<0.300	0.300	07/10/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	07/10/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	186	93.2	200	1.26	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	180	90.2	200	2.45	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 76.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM, LLC
 BEAUX JENNINGS
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	07/05/2024	Sampling Date:	07/05/2024
Reported:	07/11/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: DS 09 0.25 (H244030-57)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2024	ND	2.13	106	2.00	2.69	
Toluene*	<0.050	0.050	07/10/2024	ND	2.33	116	2.00	3.28	
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.49	124	2.00	1.45	
Total Xylenes*	<0.150	0.150	07/10/2024	ND	7.70	128	6.00	1.35	
Total BTX	<0.300	0.300	07/10/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	07/10/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	186	93.2	200	1.26	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	180	90.2	200	2.45	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 80.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM, LLC
 BEAUX JENNINGS
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	07/05/2024	Sampling Date:	07/05/2024
Reported:	07/11/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: DS 10 0.25 (H244030-58)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/10/2024	ND	2.13	106	2.00	2.69		
Toluene*	<0.050	0.050	07/10/2024	ND	2.33	116	2.00	3.28		
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.49	124	2.00	1.45		
Total Xylenes*	<0.150	0.150	07/10/2024	ND	7.70	128	6.00	1.35		
Total BTEx	<0.300	0.300	07/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	07/10/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	186	93.2	200	1.26	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	180	90.2	200	2.45	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 77.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene", written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name: Ensolum, LLC		P.O. #:		ANALYSIS REQUEST	
Project Manager: Beaux Jennings		Company: OXY USA			
Address: 601 N. Marland St. STE 400		Attn: Wade Dietrich			
City: Midland State: TX Zip: 79701		Address:			
Phone #: (210)219-8858 Email: bjennings@ensolum.com		City:			
Project #: 03B14171216		State:			
Project Name: Conrad George 12 13 Federal Hwy. 32H		Zip:			
Project Location:		Phone #:			
Sample Name: Kaoru Shimada		Email:			
FOR LAB USE ONLY		PRESERV.		SAMPLING	
Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX
			GROUNDWATER	WASTEWATER	SOIL
			OTHER :	ACID/BASE:	ICE / COOL
			OTHER :	DATE	TIME
1344030	F5 11	0.25	C	1	7-5-24 919
13	F5 12	1	C	1	917
14	F5 13	1	C	1	922
15	F5 14	1	C	1	925
10	F5 15	1	C	1	923
12	F5 16	1	C	1	943
18	F5 17	1	C	1	941
19	F5 18	1	C	1	938
20	F5 19	1	C	1	936
21	F5 20	0.25	C	1	7-5-24 936
REMARKS: Labbing and Ensolum's labbing and client's analysis results for any data during labbing must be submitted to the client and to the state for the laboratory. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services rendered by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.					
Relinquished By: Kaoru Shimada		Received By: Sheedrick		Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Time: 5:34		Time: 5:55		All Results are emailed. Please provide Email address: bjennings@ensolum.com, klover@ensolum.com	
Date: 1/5/55		Date: 1/5/55		REMARKS: Paykey/AFENonAFE:	
Relinquished By: Time:		Received By: Time:		Add'l Phone #:	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Observed Temp. °C Corrected Temp. °C		Sample Condition	
		5.0		<input type="checkbox"/> Cool <input checked="" type="checkbox"/> Intact	
				<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
				CHECKED BY: (Initials) SR	
				Thermometer ID: 715	
				Correction Factor: -0.3°C	
				#140	
				<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
				Corrected Temp. °C	

FORM-006 R 3.2 10/07/21

† Cardinal cannot accept verbal changes. Please email changes to celejkeene@cardinallabsnm.com



Company Name: Ensolum, LLC

ANALYSIS REQUEST

P.O. #:	
Company: OXY USA	
Attn: Wade Dittrich	
Address:	
City:	
State:	Zip:
Phone #:	
Email:	
PRESERV.	SAMPLING

OTHER :					
ACID/BASE:					
ICE / COOL	X				
OTHER :					
DATE	7-5-24				
TIME	2:27				
	95.6				
	95.4				
	95.1				
	100.0				
	95.8				
	117.4				
	117.2				
	104.5				
	104.2				

[illegible]

Verbal	REM	Checked By: <i>[Signature]</i>	Therapist
All R		(Initials)	Rein
bienn		<i>[Signature]</i>	Therapist
			Correct



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Ensolum, LLC

[illegible]



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

August 20, 2024

KELLY LOWERY

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: CORRAL GORGE 12 13 FEDERAL COM 32H

Enclosed are the results of analyses for samples received by the laboratory on 08/14/24 13:54.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

Analytical Results For:

ENSOLUM, LLC
 KELLY LOWERY
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received: 08/14/2024
 Reported: 08/20/2024
 Project Name: CORRAL GORGE 12 13 FEDERAL COM 32
 Project Number: 03B1417116
 Project Location: OXY - EDDY CO., NM

Sampling Date: 08/13/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FS - 04 0.50' (H244918-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/15/2024	ND	432	108	400	3.64	

Sample ID: FS - 08 0.50' (H244918-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/15/2024	ND	432	108	400	3.64	

Sample ID: FS - 10 0.50' (H244918-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/15/2024	ND	432	108	400	3.64	

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM, LLC
 KELLY LOWERY
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	08/14/2024	Sampling Date:	08/13/2024
Reported:	08/20/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: SW - 04 0.50' (H244918-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/15/2024	ND	2.25	112	2.00	6.99		
Toluene*	<0.050	0.050	08/15/2024	ND	2.18	109	2.00	10.9		
Ethylbenzene*	<0.050	0.050	08/15/2024	ND	2.16	108	2.00	12.6		
Total Xylenes*	<0.150	0.150	08/15/2024	ND	6.49	108	6.00	12.6		
Total BTEx	<0.300	0.300	08/15/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/15/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2024	ND	206	103	200	1.09	
DRO >C10-C28*	10.6	10.0	08/15/2024	ND	219	109	200	2.39	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					

Surrogate: 1-Chlorooctane 91.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM, LLC
 KELLY LOWERY
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	08/14/2024	Sampling Date:	08/13/2024
Reported:	08/20/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: SW - 08 0.50' (H244918-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/15/2024	ND	2.25	112	2.00	6.99		
Toluene*	<0.050	0.050	08/15/2024	ND	2.18	109	2.00	10.9		
Ethylbenzene*	<0.050	0.050	08/15/2024	ND	2.16	108	2.00	12.6		
Total Xylenes*	<0.150	0.150	08/15/2024	ND	6.49	108	6.00	12.6		
Total BTEx	<0.300	0.300	08/15/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	08/15/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2024	ND	206	103	200	6.12	
DRO >C10-C28*	<10.0	10.0	08/15/2024	ND	208	104	200	10.6	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					

Surrogate: 1-Chlorooctane 94.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Analytical Results For:

ENSOLUM, LLC
 KELLY LOWERY
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	08/14/2024	Sampling Date:	08/13/2024
Reported:	08/20/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: SW - 10 0.50' (H244918-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/15/2024	ND	2.25	112	2.00	6.99		
Toluene*	<0.050	0.050	08/15/2024	ND	2.18	109	2.00	10.9		
Ethylbenzene*	<0.050	0.050	08/15/2024	ND	2.16	108	2.00	12.6		
Total Xylenes*	<0.150	0.150	08/15/2024	ND	6.49	108	6.00	12.6		
Total BTEx	<0.300	0.300	08/15/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/15/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2024	ND	206	103	200	6.12	
DRO >C10-C28*	<10.0	10.0	08/15/2024	ND	208	104	200	10.6	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Analytical Results For:

ENSOLUM, LLC
 KELLY LOWERY
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	08/14/2024	Sampling Date:	08/13/2024
Reported:	08/20/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: FS - 09 0.50' (H244918-07)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	08/15/2024	ND	432	108	400	3.64		

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Analytical Results For:

ENSOLUM, LLC
 KELLY LOWERY
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	08/14/2024	Sampling Date:	08/13/2024
Reported:	08/20/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: SW - 09 0.50' (H244918-08)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/15/2024	ND	2.25	112	2.00	6.99		
Toluene*	<0.050	0.050	08/15/2024	ND	2.18	109	2.00	10.9		
Ethylbenzene*	<0.050	0.050	08/15/2024	ND	2.16	108	2.00	12.6		
Total Xylenes*	<0.150	0.150	08/15/2024	ND	6.49	108	6.00	12.6		
Total BTX	<0.300	0.300	08/15/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	08/15/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2024	ND	206	103	200	6.12	
DRO >C10-C28*	<10.0	10.0	08/15/2024	ND	208	104	200	10.6	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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Analytical Results For:

ENSOLUM, LLC
KELLY LOWERY
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	08/14/2024	Sampling Date:	08/13/2024
Reported:	08/20/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: FS - 15 0.50' (H244918-09)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/15/2024	ND	432	108	400	3.64		

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM, LLC
 KELLY LOWERY
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	08/14/2024	Sampling Date:	08/13/2024
Reported:	08/20/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: SW - 15 0.50' (H244918-10)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/15/2024	ND	2.25	112	2.00	6.99		
Toluene*	<0.050	0.050	08/15/2024	ND	2.18	109	2.00	10.9		
Ethylbenzene*	<0.050	0.050	08/15/2024	ND	2.16	108	2.00	12.6		
Total Xylenes*	<0.150	0.150	08/15/2024	ND	6.49	108	6.00	12.6		
Total BTX	<0.300	0.300	08/15/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/16/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2024	ND	206	103	200	6.12	
DRO >C10-C28*	<10.0	10.0	08/15/2024	ND	208	104	200	10.6	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM, LLC
KELLY LOWERY
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	08/14/2024	Sampling Date:	08/13/2024
Reported:	08/20/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: FS - 14 0.50' (H244918-11)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/16/2024	ND	432	108	400	0.00		

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A handwritten signature in cursive script, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM, LLC
 KELLY LOWERY
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	08/14/2024	Sampling Date:	08/13/2024
Reported:	08/20/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: SW - 14 0.50' (H244918-12)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/15/2024	ND	2.25	112	2.00	6.99		
Toluene*	<0.050	0.050	08/15/2024	ND	2.18	109	2.00	10.9		
Ethylbenzene*	<0.050	0.050	08/15/2024	ND	2.16	108	2.00	12.6		
Total Xylenes*	<0.150	0.150	08/15/2024	ND	6.49	108	6.00	12.6		
Total BTX	<0.300	0.300	08/15/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/16/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2024	ND	206	103	200	6.12	
DRO >C10-C28*	<10.0	10.0	08/15/2024	ND	208	104	200	10.6	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Analytical Results For:

ENSOLUM, LLC
KELLY LOWERY
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	08/14/2024	Sampling Date:	08/13/2024
Reported:	08/20/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: FS - 19 0.50' (H244918-13)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/16/2024	ND	432	108	400	0.00		

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM, LLC
 KELLY LOWERY
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	08/14/2024	Sampling Date:	08/13/2024
Reported:	08/20/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: SW - 19 0.50' (H244918-14)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/15/2024	ND	2.25	112	2.00	6.99		
Toluene*	<0.050	0.050	08/15/2024	ND	2.18	109	2.00	10.9		
Ethylbenzene*	<0.050	0.050	08/15/2024	ND	2.16	108	2.00	12.6		
Total Xylenes*	<0.150	0.150	08/15/2024	ND	6.49	108	6.00	12.6		
Total BTEx	<0.300	0.300	08/15/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/16/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2024	ND	206	103	200	6.12	
DRO >C10-C28*	<10.0	10.0	08/15/2024	ND	208	104	200	10.6	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM, LLC
KELLY LOWERY
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	08/14/2024	Sampling Date:	08/13/2024
Reported:	08/20/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: FS - 22 0.50' (H244918-15)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/16/2024	ND	432	108	400	0.00		

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Analytical Results For:

ENSOLUM, LLC
 KELLY LOWERY
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	08/14/2024	Sampling Date:	08/13/2024
Reported:	08/20/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: SW - 22 0.50' (H244918-16)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/15/2024	ND	2.25	112	2.00	6.99		
Toluene*	<0.050	0.050	08/15/2024	ND	2.18	109	2.00	10.9		
Ethylbenzene*	<0.050	0.050	08/15/2024	ND	2.16	108	2.00	12.6		
Total Xylenes*	<0.150	0.150	08/15/2024	ND	6.49	108	6.00	12.6		
Total BTEx	<0.300	0.300	08/15/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/16/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2024	ND	206	103	200	6.12	
DRO >C10-C28*	<10.0	10.0	08/15/2024	ND	208	104	200	10.6	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM, LLC
KELLY LOWERY
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	08/14/2024	Sampling Date:	08/13/2024
Reported:	08/20/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: FS - 27 0.50' (H244918-17)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/16/2024	ND	432	108	400	0.00		

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A handwritten signature in cursive script, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM, LLC
 KELLY LOWERY
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	08/14/2024	Sampling Date:	08/13/2024
Reported:	08/20/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: SW - 27 0.50' (H244918-18)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/15/2024	ND	2.25	112	2.00	6.99		
Toluene*	<0.050	0.050	08/15/2024	ND	2.18	109	2.00	10.9		
Ethylbenzene*	<0.050	0.050	08/15/2024	ND	2.16	108	2.00	12.6		
Total Xylenes*	<0.150	0.150	08/15/2024	ND	6.49	108	6.00	12.6		
Total BTEx	<0.300	0.300	08/15/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/16/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2024	ND	206	103	200	6.12	
DRO >C10-C28*	<10.0	10.0	08/15/2024	ND	208	104	200	10.6	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM, LLC
 KELLY LOWERY
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	08/14/2024	Sampling Date:	08/13/2024
Reported:	08/20/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: FS - 30 0.50' (H244918-19)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	08/16/2024	ND	432	108	400	0.00		

Sample ID: FS - 33 0.50' (H244918-20)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/16/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2024	ND	206	103	200	6.12	
DRO >C10-C28*	<10.0	10.0	08/15/2024	ND	208	104	200	10.6	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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Analytical Results For:

ENSOLUM, LLC
 KELLY LOWERY
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	08/14/2024	Sampling Date:	08/13/2024
Reported:	08/20/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: SW - 30 0.50' (H244918-21)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/15/2024	ND	2.25	112	2.00	6.99		
Toluene*	<0.050	0.050	08/15/2024	ND	2.18	109	2.00	10.9		
Ethylbenzene*	<0.050	0.050	08/15/2024	ND	2.16	108	2.00	12.6		
Total Xylenes*	<0.150	0.150	08/15/2024	ND	6.49	108	6.00	12.6		
Total BTEx	<0.300	0.300	08/15/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 87.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/16/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2024	ND	206	103	200	6.12	
DRO >C10-C28*	<10.0	10.0	08/15/2024	ND	208	104	200	10.6	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 131 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM, LLC
 KELLY LOWERY
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	08/14/2024	Sampling Date:	08/13/2024
Reported:	08/20/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: SW - 33 0.50' (H244918-22)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/15/2024	ND	2.25	112	2.00	6.99		
Toluene*	<0.050	0.050	08/15/2024	ND	2.18	109	2.00	10.9		
Ethylbenzene*	<0.050	0.050	08/15/2024	ND	2.16	108	2.00	12.6		
Total Xylenes*	<0.150	0.150	08/15/2024	ND	6.49	108	6.00	12.6		
Total BTEx	<0.300	0.300	08/15/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/16/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2024	ND	206	103	200	6.12	
DRO >C10-C28*	<10.0	10.0	08/15/2024	ND	208	104	200	10.6	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					

Surrogate: 1-Chlorooctane 90.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM, LLC
 KELLY LOWERY
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	08/14/2024	Sampling Date:	08/13/2024
Reported:	08/20/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: FS - 40 0.50' (H244918-23)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/16/2024	ND	432	108	400	0.00		

Sample ID: FS - 39 0.50' (H244918-24)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/16/2024	ND	432	108	400	0.00	

Sample ID: FS - 37 0.50' (H244918-25)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	08/16/2024	ND	432	108	400	0.00		

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM, LLC
 KELLY LOWERY
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	08/14/2024	Sampling Date:	08/13/2024
Reported:	08/20/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: SW - 40 0.50' (H244918-26)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/15/2024	ND	2.25	112	2.00	6.99		
Toluene*	<0.050	0.050	08/15/2024	ND	2.18	109	2.00	10.9		
Ethylbenzene*	<0.050	0.050	08/15/2024	ND	2.16	108	2.00	12.6		
Total Xylenes*	<0.150	0.150	08/15/2024	ND	6.49	108	6.00	12.6		
Total BTX	<0.300	0.300	08/15/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	08/16/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2024	ND	206	103	200	6.12	
DRO >C10-C28*	<10.0	10.0	08/15/2024	ND	208	104	200	10.6	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					

Surrogate: 1-Chlorooctane 94.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM, LLC
 KELLY LOWERY
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	08/14/2024	Sampling Date:	08/13/2024
Reported:	08/20/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: SW - 39 0.50' (H244918-27)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/15/2024	ND	2.25	112	2.00	6.99		
Toluene*	<0.050	0.050	08/15/2024	ND	2.18	109	2.00	10.9		
Ethylbenzene*	<0.050	0.050	08/15/2024	ND	2.16	108	2.00	12.6		
Total Xylenes*	<0.150	0.150	08/15/2024	ND	6.49	108	6.00	12.6		
Total BTEx	<0.300	0.300	08/15/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/16/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2024	ND	206	103	200	6.12	
DRO >C10-C28*	<10.0	10.0	08/15/2024	ND	208	104	200	10.6	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

Analytical Results For:

ENSOLUM, LLC
 KELLY LOWERY
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	08/14/2024	Sampling Date:	08/13/2024
Reported:	08/20/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: SW - 37 0.50' (H244918-28)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/15/2024	ND	2.25	112	2.00	6.99		
Toluene*	<0.050	0.050	08/15/2024	ND	2.18	109	2.00	10.9		
Ethylbenzene*	<0.050	0.050	08/15/2024	ND	2.16	108	2.00	12.6		
Total Xylenes*	<0.150	0.150	08/15/2024	ND	6.49	108	6.00	12.6		
Total BTEx	<0.300	0.300	08/15/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	08/16/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2024	ND	206	103	200	6.12	
DRO >C10-C28*	<10.0	10.0	08/15/2024	ND	208	104	200	10.6	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 134 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM, LLC
 KELLY LOWERY
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	08/14/2024	Sampling Date:	08/13/2024
Reported:	08/20/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: FS - 45 0.50' (H244918-29)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/16/2024	ND	432	108	400	0.00		

Sample ID: FS - 47 0.50' (H244918-30)

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	08/15/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2024	ND	206	103	200	6.12	
DRO >C10-C28*	<10.0	10.0	08/15/2024	ND	208	104	200	10.6	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					

Surrogate: 1-Chlorooctane 88.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM, LLC
 KELLY LOWERY
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	08/14/2024	Sampling Date:	08/13/2024
Reported:	08/20/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: SW - 45 0.50' (H244918-31)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/15/2024	ND	2.25	112	2.00	6.99		
Toluene*	<0.050	0.050	08/15/2024	ND	2.18	109	2.00	10.9		
Ethylbenzene*	<0.050	0.050	08/15/2024	ND	2.16	108	2.00	12.6		
Total Xylenes*	<0.150	0.150	08/15/2024	ND	6.49	108	6.00	12.6		
Total BTX	<0.300	0.300	08/15/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/15/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2024	ND	206	103	200	6.12	
DRO >C10-C28*	<10.0	10.0	08/15/2024	ND	208	104	200	10.6	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM, LLC
 KELLY LOWERY
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	08/14/2024	Sampling Date:	08/13/2024
Reported:	08/20/2024	Sampling Type:	Soil
Project Name:	CORRAL GORGE 12 13 FEDERAL COM 32	Sampling Condition:	Cool & Intact
Project Number:	03B1417116	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO., NM		

Sample ID: SW - 47 0.50' (H244918-32)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/15/2024	ND	2.25	112	2.00	6.99		
Toluene*	<0.050	0.050	08/15/2024	ND	2.18	109	2.00	10.9		
Ethylbenzene*	<0.050	0.050	08/15/2024	ND	2.16	108	2.00	12.6		
Total Xylenes*	<0.150	0.150	08/15/2024	ND	6.49	108	6.00	12.6		
Total BTX	<0.300	0.300	08/15/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/15/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2024	ND	206	103	200	6.12	
DRO >C10-C28*	<10.0	10.0	08/15/2024	ND	208	104	200	10.6	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 135 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "C. D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Ensolum, LLC

Project Manager: Kelly Lowery Klowery@Ensolum.com

Address: 601 N. Marientfield St. STE 400

City: Midland

State: TX Zip: 79701

Phone #: (214)733-3165

Fax #:

Project #: 03B1417116

Project Owner:

Project Name: Corral Gorge 12 13 Federal Corn. 32H

Project Location: Eddy County, NM

Sampler Name: Leah Nunez

BILL TO

ANALYSIS REQUEST

P.O. #:

Company: OXY USA

Attn: Wade Dittrich

Address:

City:

State: Zip:

Phone #:

Fax #:

FOR LAB USE ONLY																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.	SAMPLING																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	BTEX 8021B	TPH 8015M	CHLORIDE 4500																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising out of or from this contract or any of the above stated reasons or otherwise, shall be limited to the amount paid by the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By:

Date: 8/14/24

Received By: Shekhar

Verbal Result: ☐ Yes ☐ No Add'l Phone #:

All Results are emailed. Please provide Email address:

Relinquished By:

Date: 8/14/24

Received By: Shekhar

REMARKS:

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

Observed Temp. °C: 40.0

Corrected Temp. °C: 34.6

Sample Condition Cool Intact ☒ Yes ☐ No

CHECKED BY: (Initials) SK

Turnaround Time: Standard ☒ Rush ☐

Thermometer ID: #449

Bacteria (only) Sample Condition Cool Intact ☐ Yes ☐ No

Observed Temp. °C: 40.0

Corrected Temp. °C: 34.6

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Ensolum, LLC

Project Manager: Kelly Lowery Klowery@Ensolum.com

Address: 601 N. Marientfield St. STE 400

City: Midland State: TX Zip: 79701

Phone #: (214)733-3165 Fax #:

Project #: 03B1417116 Project Owner:

Project Name: Corral Gorge 12 13 Federal Corn. 32H

Project Location: Eddy County, NM

Sampler Name: Leah Nunez

BILL TO

P.O. #:

Company: OXY USA

Attn: Wade Dietrich

Address:

City:

State: Zip:

Phone #:

Fax #:

ANALYSIS REQUEST

Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.		# CONTAINERS	MATRIX						DATE	TIME										
						GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :												
11	FS-14	0.50'	C	1		X						8/13/24	1250										
12	SW-14	0.50'	C	1		X						8/13/24	1255	X	X	X							
13	FS-19	0.50'	C	1		X						8/13/24	1300										
14	SW-19	0.50'	C	1		X						8/13/24	1305	X	X	X							
15	FS-22	0.50'	C	1		X						8/13/24	1315										
16	SW-22	0.50'	C	1		X						8/13/24	1320	X	X	X							
17	FS-27	0.50'	C	1		X						8/13/24	1325										
18	SW-27	0.50'	C	1		X						8/13/24	1330	X	X	X							
19	FS-30	0.50'	C	1		X						8/13/24	1345										
20	FS-33	0.50'	C	1		X						8/13/24	1350	X	X	X							

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Relinquished By:

Date: 8/14/24

Received By:

Verbal Result: ☐ Yes ☐ No Add'l Phone #:

All Results are emailed. Please provide Email address:

Relinquished By:

Date: 8/14/24

Received By:

REMARKS:

Delivered By: (Circle One)

Observed Temp. °C

Sample Condition

CHECKED BY:

Turnaround Time:

Standard

Bacteria (only)

Sample Condition

Sampler - UPS - Bus - Other:

Corrected Temp.

Cool Intact

Thermometer ID

Correction Factor

Rush

Cool Intact

Observed Temp. °C

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

August 21, 2024

KELLY LOWERY

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: CORRAL GORGE 12 13 FEDERAL COM 32H

Enclosed are the results of analyses for samples received by the laboratory on 08/14/24 13:54.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at

www.tceq.texas.gov/field/ga/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Total Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is fluid and cursive, with the first name "Celey" being more prominent.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

Analytical Results For:

ENSOLUM, LLC
705 W WADLEY AVE.
MIDLAND TX, 79705

Project: CORRAL GORGE 12 13 FEDERAL CI
Project Number: 03B1417116
Project Manager: KELLY LOWERY
Fax To:

Reported:
21-Aug-24 14:39

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
DS - 02 @ 0.50'	H244919-01	Soil	13-Aug-24 15:15	14-Aug-24 13:54
DS - 06 @ 0.50'	H244919-02	Soil	13-Aug-24 15:20	14-Aug-24 13:54

08/21/24- Client added sample depths (see COC). This is the revised report and will replace the one sent on 08/20/24.

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENSOLUM, LLC
705 W WADLEY AVE.
MIDLAND TX, 79705

Project: CORRAL GORGE 12 13 FEDERAL CI
Project Number: 03B1417116
Project Manager: KELLY LOWERY
Fax To:

Reported:
21-Aug-24 14:39

DS - 02 @ 0.50'**H244919-01 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	64.0		16.0	mg/kg	4	4081538	CT	15-Aug-24	4500-Cl-B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4081424	MS	15-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4081424	MS	15-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4081424	MS	15-Aug-24	8015B	
Surrogate: 1-Chlorooctane			120 %	48.2-134		4081424	MS	15-Aug-24	8015B	
Surrogate: 1-Chlorooctadecane			141 %	49.1-148		4081424	MS	15-Aug-24	8015B	

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Analytical Results For:ENSOLUM, LLC
705 W WADLEY AVE.
MIDLAND TX, 79705Project: CORRAL GORGE 12 13 FEDERAL CI
Project Number: 03B1417116
Project Manager: KELLY LOWERY
Fax To:Reported:
21-Aug-24 14:39**DS - 06 @ 0.50'****H244919-02 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	144		16.0	mg/kg	4	4081538	CT	15-Aug-24	4500-CI-B	
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Analytical Results For:

ENSOLUM, LLC
705 W WADLEY AVE.
MIDLAND TX, 79705

Project: CORRAL GORGE 12 13 FEDERAL CI
Project Number: 03B1417116
Project Manager: KELLY LOWERY
Fax To:

Reported:
21-Aug-24 14:39

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4081538 - 1:4 DI Water										
Blank (4081538-BLK1)				Prepared & Analyzed: 15-Aug-24						
Chloride	ND	16.0	mg/kg							
LCS (4081538-BS1)				Prepared & Analyzed: 15-Aug-24						
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (4081538-BSD1)				Prepared & Analyzed: 15-Aug-24						
Chloride	432	16.0	mg/kg	400		108	80-120	3.77	20	

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Analytical Results For:

ENSOLUM, LLC
705 W WADLEY AVE.
MIDLAND TX, 79705

Project: CORRAL GORGE 12 13 FEDERAL CI
Project Number: 03B1417116
Project Manager: KELLY LOWERY
Fax To:

Reported:
21-Aug-24 14:39

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 4081424 - General Prep - Organics**Blank (4081424-BLK1)**

Prepared: 14-Aug-24 Analyzed: 15-Aug-24

GRO C6-C10	ND	10.0	mg/kg						
DRO >C10-C28	ND	10.0	mg/kg						
EXT DRO >C28-C36	ND	10.0	mg/kg						
Surrogate: 1-Chlorooctane	49.2		mg/kg	50.0		98.5	48.2-134		
Surrogate: 1-Chlorooctadecane	58.4		mg/kg	50.0		117	49.1-148		

LCS (4081424-BS1)

Prepared: 14-Aug-24 Analyzed: 15-Aug-24

GRO C6-C10	206	10.0	mg/kg	200		103	66.4-123		
DRO >C10-C28	208	10.0	mg/kg	200		104	66.5-118		
Total TPH C6-C28	413	10.0	mg/kg	400		103	77.6-123		
Surrogate: 1-Chlorooctane	53.3		mg/kg	50.0		107	48.2-134		
Surrogate: 1-Chlorooctadecane	61.0		mg/kg	50.0		122	49.1-148		

LCS Dup (4081424-BS1)

Prepared: 14-Aug-24 Analyzed: 15-Aug-24

GRO C6-C10	194	10.0	mg/kg	200		96.8	66.4-123	6.12	17.7
DRO >C10-C28	187	10.0	mg/kg	200		93.4	66.5-118	10.6	21
Total TPH C6-C28	380	10.0	mg/kg	400		95.1	77.6-123	8.34	18.5
Surrogate: 1-Chlorooctane	51.3		mg/kg	50.0		103	48.2-134		
Surrogate: 1-Chlorooctadecane	58.5		mg/kg	50.0		117	49.1-148		

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Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

September 19, 2024

BEAUX JENNINGS

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: LEA LAND CALICHE PIT

Enclosed are the results of analyses for samples received by the laboratory on 09/16/24 14:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

Analytical Results For:

ENSOLUM, LLC
 BEAUX JENNINGS
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received: 09/16/2024
 Reported: 09/19/2024
 Project Name: LEA LAND CALICHE PIT
 Project Number: 03B1417160
 Project Location: OXY

Sampling Date: 09/13/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: LEA LAND CALICHE PIT 0.5' (H245619-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/17/2024	ND	2.04	102	2.00	2.40	
Toluene*	<0.050	0.050	09/17/2024	ND	1.91	95.7	2.00	2.59	
Ethylbenzene*	<0.050	0.050	09/17/2024	ND	1.93	96.4	2.00	2.47	
Total Xylenes*	<0.150	0.150	09/17/2024	ND	5.72	95.4	6.00	2.68	
Total BTX	<0.300	0.300	09/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	560	16.0	09/17/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/17/2024	ND	204	102	200	0.238	
DRO >C10-C28*	98.6	10.0	09/17/2024	ND	202	101	200	5.70	
EXT DRO >C28-C36	<10.0	10.0	09/17/2024	ND					

Surrogate: 1-Chlorooctane 70.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.3 % 49.1-148

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Notes and Definitions

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RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

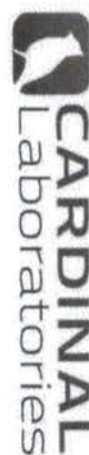
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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name: Ensolum, LLC

Project Manager: Beaux Jennings

Address: 601 N. Marland St. STE 400

City: Midland State: TX Zip: 79701

Phone #: (210)219-8858 Email: bjennings@ensolum.com

Project #: 03B1417160 Project Owner:

Project Name: Lca Land Caliche Pit

Project Location:

Sampler Name: Kaoru Shimada

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

Sample Depth (feet)

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER:

ACID/BASE:

ICE / COOL

OTHER:

DATE

TIME

BTEX 8021B

TPH 8015M

Chloride 4500

Hold

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 390943

QUESTIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID:	16696
	Action Number:	390943
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2328544895
Incident Name	NAPP2328544895 CORRAL GORGE 12 13 FEDERAL COM. 32H @ 0
Incident Type	Blow Out
Incident Status	Remediation Closure Report Received

Location of Release Source

Please answer all the questions in this group.

Site Name	Corral Gorge 12 13 Federal Com. 32H
Date Release Discovered	10/06/2023
Surface Owner	State

Incident Details

Please answer all the questions in this group.

Incident Type	Release Other
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

Crude Oil Released (bbls) Details	Cause: Equipment Failure Flow Line - Production Crude Oil Released: 3 BBL Recovered: 0 BBL Lost: 3 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure Flow Line - Production Produced Water Released: 4 BBL Recovered: 0 BBL Lost: 4 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	produced water and crude oil release from a flow line rupture.

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 2

Action 390943

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 390943
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	<i>Not answered.</i>

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement	Name: Wade Dittrich Title: Environmental Coordinator Email: wade_dittrich@oxy.com Date: 10/08/2024
--	---

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 3

Action 390943

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID:	16696
	Action Number:	390943
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS**Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 100 and 200 (ft.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between 1000 (ft.) and ½ (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between ½ and 1 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
---	-----

Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.

Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	2120
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	757
GRO+DRO (EPA SW-846 Method 8015M)	601
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	10/06/2023
On what date will (or did) the final sampling or liner inspection occur	08/13/2024
On what date will (or was) the remediation complete(d)	08/13/2024
What is the estimated surface area (in square feet) that will be reclaimed	9600
What is the estimated volume (in cubic yards) that will be reclaimed	118
What is the estimated surface area (in square feet) that will be remediated	9600
What is the estimated volume (in cubic yards) that will be remediated	118

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 4

Action 390943

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 390943
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS**Remediation Plan (continued)**

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:

(Select all answers below that apply.)

(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	LEA LAND LANDFILL [fEEM0112342028]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement	Name: Wade Dittrich Title: Environmental Coordinator Email: wade_dittrich@oxy.com Date: 10/08/2024
--	---

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 5

Action 390943

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 390943
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 390943

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID:	16696
	Action Number:	390943
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	371777
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/13/2024
What was the (estimated) number of samples that were to be gathered	32
What was the sampling surface area in square feet	3200

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	9600
What was the total volume (cubic yards) remediated	118
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	9600
What was the total volume (in cubic yards) reclaimed	118
Summarize any additional remediation activities not included by answers (above)	NA

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

I hereby agree and sign off to the above statement	Name: Wade Dittrich Title: Environmental Coordinator Email: wade_dittrich@oxy.com Date: 10/08/2024
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QUESTIONS, Page 7

Action 390943

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 390943
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 390943

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID:
	16696
	Action Number:
	390943
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #NAPP2328544895 CORRAL GORGE 12 13 FEDERAL COM. 32H, thank you. This Remediation Closure Report is approved.	11/1/2024

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QUESTIONS

Action 514495

QUESTIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 514495
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2328544895
Incident Name	NAPP2328544895 CORRAL GORGE 12 13 FEDERAL COM. 32H @ A-11-25S-29E 20N 100E
Incident Type	Release Other
Incident Status	Reclamation Report Received

Location of Release Source

Please answer all the questions in this group.

Site Name	Corral Gorge 12 13 Federal Com. 32H
Date Release Discovered	10/06/2023
Surface Owner	State

Incident Details

Please answer all the questions in this group.

Incident Type	Release Other
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

Crude Oil Released (bbls) Details	Cause: Equipment Failure Flow Line - Production Crude Oil Released: 3 BBL Recovered: 0 BBL Lost: 3 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure Flow Line - Production Produced Water Released: 4 BBL Recovered: 0 BBL Lost: 4 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	produced water and crude oil release from a flow line rupture.

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QUESTIONS, Page 2

Action 514495

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 514495
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	<i>Not answered.</i>

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement	Name: Daniel Sparks Title: Environmental Analyst III Email: daniel_sparks@oxy.com Date: 10/13/2025
--	---

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QUESTIONS, Page 3

Action 514495

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 514495
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 100 and 200 (ft.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between 1000 (ft.) and ½ (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between ½ and 1 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	2120
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	757
GRO+DRO (EPA SW-846 Method 8015M)	601
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	10/06/2023
On what date will (or did) the final sampling or liner inspection occur	08/13/2024
On what date will (or was) the remediation complete(d)	08/13/2024
What is the estimated surface area (in square feet) that will be reclaimed	9600
What is the estimated volume (in cubic yards) that will be reclaimed	118
What is the estimated surface area (in square feet) that will be remediated	9600
What is the estimated volume (in cubic yards) that will be remediated	118
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 4

Action 514495

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 514495
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	fEEM0112342028 LEA LAND LANDFILL
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	No
OR is the off-site disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
<p>I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.</p>	
I hereby agree and sign off to the above statement	Name: Daniel Sparks Title: Environmental Analyst III Email: daniel_sparks@oxy.com Date: 10/13/2025
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS, Page 5

Action 514495

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 514495
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Deferral Requests Only	
<i>Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 514495

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 514495
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	371777
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/13/2024
What was the (estimated) number of samples that were to be gathered	32
What was the sampling surface area in square feet	3200

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	9600
What was the total volume (cubic yards) remediated	118
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	9600
What was the total volume (in cubic yards) reclaimed	118
Summarize any additional remediation activities not included by answers (above)	NA
<i>The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: Daniel Sparks Title: Environmental Analyst III Email: daniel_sparks@oxy.com Date: 10/13/2025

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 7

Action 514495

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 514495
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Reclamation Report	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	9600
What was the total volume of replacement material (in cubic yards) for this site	118
<i>Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.</i>	
Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseeded commence(d)	07/29/2025
Summarize any additional reclamation activities not included by answers (above)	N/A
<i>The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseeded plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: Daniel Sparks Title: Environmental Analyst III Email: daniel_sparks@oxy.com Date: 10/13/2025

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QUESTIONS, Page 8

Action 514495

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 514495
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Revegetation Report	
<i>Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.</i>	
Requesting a restoration complete approval with this submission	No
<i>Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete.</i>	

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CONDITIONS

Action 514495

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 514495
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your Reclamation Report for Incident #NAPP2328544895 Corral Gorge 12 13 Federal Com. 32H, thank you. This Reclamation Report is approved.	11/17/2025